
EXHIBIT 8

Inspection Report Summary

This timeline outlines correspondence in Valley Water's files from the Central Valley Regional Water Quality Control Board (RWQCB) regarding the McKittrick 1 and 1-3 Facility. Attachments with each delineated year's inspections are included after the timeline with quoted sections highlighted.

Inspection Timeline

6/28/1990 sent by letter dated 2 July 1990

Inspection report from RWQCB stating, "In compliance with current WDRs," and "No violations of the current waste discharge requirements were noted."

6/17/1992 sent by letter dated 15 October 1992

Inspection report stating, "No violations" and "No violations of the current waste discharge requirements were noted."

7/3/1993 somehow sent by letter dated 2 July 1993

Inspection report stating, "No violations of the current waste discharge requirements were noted."

5/29/1994 sent by letter dated 14 October 1994

Inspection report stating, "No violations observed." Cover letter stated "No violations of the current waste discharge requirements (WDRs) were noted at the time of the inspection."

5/30/1995 sent by letter dated 8 June 1995

Inspection report stating, "No violations observed." Cover letter stated "No violations of the current waste discharge requirements were noted at the time of the inspection."

6/25/1996 sent by letter dated 2 July 1996

Inspection report stating "Inspected Facility for compliance with WDRs Order No. 69-199" and noted no violations. The cover letter stated, "No violations of the waste discharge requirements were observed."

6/26/1997

Inspection reports stating, "No violations of the WDRs were noted during the inspection."

6/23/1998 sent by letter dated 8 July 1998

Cover letter for Inspection report stating, "No violations of the waste discharge requirements were observed."

5/17/2002

Inspection report with no violations noted and the following statement "The operation of the facility appeared to be in compliance with the WDRs."

4/21/2003 sent by letter dated 23 April 2003

Inspection report cover letter stating, "No violations of the waste discharge requirements were observed during the inspections."

4/7/2004 sent by letter dated 13 April 2004

Inspection report stating, "The operation of the facility appeared to be in compliance with the WDRs." Cover letter stating, "No violations of the waste discharge requirements were observed during the inspections."

5/24/2005 sent by letter dated 23 May 2005

Inspection report and cover letter indicate no violations of the waste discharge requirements during this inspection.

4/27/2006 sent by letter dated 1 May 2006

Inspection report cover letter stating, "No violations of the waste discharge requirements were observed during the inspections."

4/2/2007 sent by letter dated 5 April 2007

Inspection report with no violations noted. Cover letter stated, "No violations of the waste discharge requirements were observed during the inspections."

4/16/2008 sent by letter dated 17 April 2008

Inspection report cover letter stating, "No violations of the waste discharge requirements were observed during the inspections."

4/7/2009 sent by letter dated 8 April 2009

Inspection report with no violations noted and with the following statement, "The operation of the facility appeared to be in compliance with the WDRs."

4/28/2010 sent by letter dated 29 April 2010

Inspection report stating, "No violations were noted during the inspections." Cover letter stating, "No violations of the waste discharge requirements were observed during the inspections."

4/12/2011 sent by letter dated 15 April 2011

Inspection report stating, "No violations were observed during the inspections." Cover letter stating, "No violations of the waste discharge requirements were observed during the inspections."

4/10/2012 sent by letter of same date

Inspection report stating, "No violations were observed during the inspections" and "The operation of the facility appeared to be in compliance with the WDRs."

6/27/2014 sent by letter dated 27 June 2014

Inspection report with no violations noted.

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
CENTRAL VALLEY REGION**

SAN JOAQUIN WATERSHED BRANCH OFFICE:
3614 EAST ASHLAN AVENUE
FRESNO, CA 93726
PHONE: (209) 445-5116



2 July 1990

Mr. Larry Bright
Valley Waste Disposal Company
1400 Easton Drive, Suite 139-B
Bakersfield, CA 93309

**REPORT OF RECENT INSPECTIONS - WESTSIDE DISPOSAL FACILITIES -
MCKITTRICK FACILITIES - KERN COUNTY**

Enclosed for your information are copies of inspection reports covering recent inspections of the produced water disposal facilities in western Kern County.

Current waste discharge requirements for Valley Waste westside disposal facilities were written prior to 1970. On 15 July 1975, the Board adopted a "Water Quality Control Plan" for the Tulare Lake Basin (5D). This plan is used to establish water quality standards and serves as a guide in developing and updating waste discharge requirements.

Current requirements in this area are outdated and many are not consistent with the Basin Plan. In the near future we plan to add monitoring and reporting requirements for each of the Valley Waste Disposal facility operations.

If you have any questions, please call Mike Rogers of this office at (209) 445-6191.

SHELTON R. GRAY
Senior Engineering Geologist

Enclosure

cc: Mr. Steve McCalley, Kern County Health Department, Bakersfield
Lt. Morgan Aikens, California Dept. of Fish and Game,
Bakersfield
Mr. David Mitchell, California Division of Oil and Gas,
Bakersfield

1990

INSPECTION REPORT

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - CENTRAL VALLEY REGION

WDS NUMBER: 5D152013017

Form Printed -> 05/27/90

DISCHARGER:

FACILITY NAME:

STAFF: MTR

VALLEY WASTE DISPOSAL CO.
1400 EASTON DR., SUITE 139-B
BAKERSFIELD, CA 93309

BELGIAN ANTICLINE, CYMRIC & MCK 1
CA

CONTACT: LARRY BRIGHT
PHONE: 8053225004

CONTACT:
PHONE:

ORDERS:

ORDER NUMBER	DATE ADOPTED	TYPE
69-199	690214	WDR

LAST INSPECTIONS:

DATE	TYPE	VIOLATION?
890518	A1	N
890518	A1	N
890518	A1	N
890518	A1	N
890518	A1	N

INSPECTION TYPE:

- ☒ 1. "A" TYPE COMPLIANCE (SAMPLING)
- ☐ 2. "B" TYPE COMPLIANCE (NO SAMPLING)
- ☐ 3. NON-COMPLIANCE FOLLOW-UP
- ☐ 4. ENFORCEMENT FOLLOW-UP
- ☐ 5. COMPLAINT
- ☐ 6. PRE-REQUIREMENT
- ☐ 7. MISCELLANEOUS

PROGRAM COMPONENT

TASK NUMBER:

131

INSPECTION DATE: 9/05/90
Y M D

INSPECTOR'S INITIALS MTR

CONTACT:

INSPECTION SUMMARY (100 character limit): In compliance with current WDRs.

ADDITIONAL COMMENTS: Monitoring programs to be issued for these facilities. See attachment.

WDR REVIEW: yes MONITORING PROGRAM REVIEW: none

Was there a VIOLATION discovered during this inspection? YES [] NO [x] PENDING SAMPLE RESULTS [] NOT APPLICABLE []

(If yes, you MUST attach a completed violation input form.)

INSPECTOR SIGNATURE & DATE:

Michael T. Rogers

Reviewed By:

UP SRB
7/2/90

DATA ENTRY DATE: 28 June 1990

**INSPECTION OF VALLEY WASTE DISPOSAL COMPANY - MCKITTRICK (1)
FACILITY**

INTRODUCTION

An inspection of this facility was performed on 30 May 1990. I was accompanied by Larry Bright of Valley Waste Disposal Company.

The McKittrick (1) facility is located in the McKittrick Oil Field, Kern County, T29S, R22E, Section 19 and T29S, R21E, Section 24. The facility consists of six primary oil/water separation ponds and 36 evaporation/ percolation ponds.

Oil field produced water is transported to this facility within ephemeral stream channels. However, construction of a pipeline to the facility is in progress. Water is first routed into the primary ponds where residual oil and grease is skimmed using vacuum trucks. Wastewater is then routed to the evaporation/percolation ponds. Wastewater disposal activities at this facility are currently regulated by Resolution No. 69-199. This resolution does not currently contain any monitoring and reporting requirements.

INSPECTION

The facility was not receiving any wastewater at the time of the inspection. The primary ponds contained residual crude oil and water. The primary ponds were netted to protect wildlife.

None of the 36 evaporation/percolation ponds were in use at the time of the inspection. There was no visible crude oil on the soil surface of the empty ponds.

A level-A inspection was performed, however no samples were taken since the facility was not receiving wastewater. Photos were taken to document site conditions at the time of the inspection.

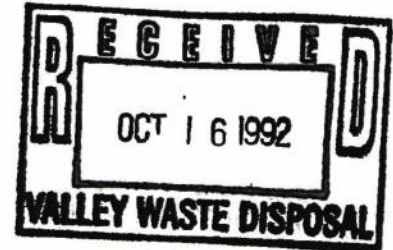
CONCLUSIONS AND RECOMMENDATIONS

1. No violations of the current waste discharge requirements were noted.

2. WDR's should be updated to reflect current Board policies and water quality criteria. Monitoring and reporting requirements should be written for this facility.

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
CENTRAL VALLEY REGION**

SAN JOAQUIN WATERSHED BRANCH OFFICE:
3614 EAST ASHLAN AVENUE
FRESNO, CA 93726
PHONE: (209) 445-5116
FAX: (209) 445-5910



15 October 1992

Mr. Larry Bright
Valley Waste Disposal Company
1400 Easton Drive, Suite 139-B
Bakersfield, CA 93309

REPORT OF RECENT INSPECTIONS - WESTSIDE DISPOSAL FACILITIES - KERN COUNTY

Enclosed for your information are copies of inspection reports covering recent inspections of your westside oil production wastewater disposal facilities.

Current waste discharge requirements (WDRs) for Valley Waste west side disposal facilities were written previous to 1970. On 15 July 1975, the Board adopted a "Water Quality Control Plan" for the Tulare Lake Basin (5D). This plan is used to establish water quality standards and serves as a guide in developing and updating waste discharge requirements.

WDRs in this area are outdated and many are not consistent with the Basin Plan. We are in the process of reviewing the Westside Ground Water Study. The information will be used to evaluate the continued viability of wastewater disposal operations in the Midway Sunset oil field area.

If you have any questions, please call Mike Rogers at (209) 445-6191.


SHELTON R. GRAY
Supervising Engineering Geologist

MTR:mtr/fmc

Enclosure

cc: Mr. Steve McCalley, Kern County Health Department, Bakersfield

OFFICE NO: 5F
INSPECTOR: MTR

FACILITIES INSPECTION REPORT
SWRCB 001 (REV. 5-91)

1992
PCA System Task No. 131

<u>5D152013017</u> WDS NUMBER	<u>Valley Waste Disposal Company</u> NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE	<u>McKittrick Facilities</u> NAME OF FACILITY
<u>None</u> NPDES NUMBER	AGENCY STREET	FACILITY STREET
(YY) (MM) (TYPE) SCHEDULED INSPECTION DATA	AGENCY CITY AND STATE	<u>Kern County</u> FACILITY CITY AND STATE
<u>920609</u> (YY MM DD) ACTUAL INSPECTION DATE	AGENCY CONTACT PERSON	ONSITE FACILITY CONTACT PERSON
	AGENCY PHONE NO.	FACILITY PHONE NO.

S Inspection Agency (State = S, State/EPA Joint = J)

N Is this a type "A1" or "B1" Compliance Inspection of an NPDES facility as required by the section 106 grant workplan? (Y/N)
If so, send a copy of this report to EPA

INSPECTION TYPE (Check One)

- A1 X "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- B1 _____ "B" type compliance -- A routine nonsampling inspection. (EPA type C)
- 02 _____ Noncompliance follow-up -- Inspection made to verify correction of a previously identified violation.
- 03 _____ Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.
- 04 _____ Complaint -- Inspection made in response to a complaint.
- 05 _____ Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 _____ Miscellaneous -- Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g. -- biomonitoring, performance audit, diagnostic, etc.)

(Type)

N Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

N Was this a Quality Assurance-Based Inspection? (Y/N)

N Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)

No violations. McKittrick 1-1 facility now active. WDRs need to be updated. See attachment.

INSPECTOR'S DATA:

INITIALS MTR SIGNATURE Michael T. Rogers DATE 6/17/92

For Internal Use: Reviewed by: (1) SPS (2) _____ (3) Buck
Reg. WDS Coordinator

WDS Data Entry Date: 6/18/92

Regional Board File Number: _____

FACILITIES INSPECTION REPORT

SWRCB 001 (REV. 5-91)

(Page 2)

VIOLATION (IF APPLICABLE)

VIOLATION TYPE? (A-G) N/A (See pages IKO5.0 and IKO5.1 of the Micro Waste Discharger System Users Manual)

DATE OF VIOLATION (YYMMDD) _____ DATE OF VIOLATION DETERMINATION (YYMMDD) _____

DESCRIPTION:

EPA SUGGESTED INSPECTION CHECKLIST

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

N / A

_____ Permit	_____ Flow Measurement	_____ Pretreatment	_____ Operations & Maintenance
_____ Records/Reports	_____ Laboratories	_____ Compliance Schedules	_____ Sludge Disposal
_____ Facility Site Review	_____ Eff./Receiving Waters	_____ Self-Monitoring	_____ Other

_____ (1-5) Overall Facility Operation Evaluation (5 = Very reliable, 3 = Satisfactory, 1 = Unreliable)

ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, ITEMS FOR FOLLOWUP ON
FUTURE INSPECTION, NOTES, ETC. (Attach additional pages, if necessary)

See attachment.

HISTORICAL INFORMATION:

MOST RECENT ORDERS:

ORDER NO. DATE ADOPTED TYPE

MOST RECENT INSPECTIONS

DATE INSP. TYPE VIOLATIONS?

MOST RECENT VIOLATIONS

VIOL. TYPE DATE

See attachment.

INSPECTION - VALLEY WASTE DISPOSAL COMPANY - MCKITTRICK (1) FACILITY

INTRODUCTION

An inspection of this facility was performed on 9 June 1992. I was accompanied by Larry Bright of Valley Waste Disposal Company.

The McKittrick (1) facility is in Section 19, T29S, R22E and Section 24, T29S, R21E, MDB&M of the McKittrick Oil Field. The facility consists of six primary oil/water separation ponds and 36 evaporation/ percolation ponds.

Oil field produced water is transported to this facility via pipeline. Water is first routed into the primary ponds where residual oil and grease is skimmed using vacuum trucks. Wastewater is then routed to the disposal ponds. Wastewater disposal activities at this facility are currently regulated by Resolution No. 69-199. This resolution does not currently contain any monitoring and reporting requirements.

INSPECTION

The facility was not receiving any wastewater at the time of the inspection. The primary ponds contained residual crude oil and water. The primary ponds were netted to protect wildlife.

None of the 36 disposal ponds were in use at the time of the inspection. There was no visible crude oil on the soil surface of the empty ponds.

A level-A inspection was performed, however no samples were taken since the facility was not receiving wastewater. Photos were taken to document site conditions at the time of the inspection.

SUMMARY

1. No violations of the current waste discharge requirements were noted.
2. WDR's need to be updated to reflect current plans and policies of the Board.

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
CENTRAL VALLEY REGION**

SAN JOAQUIN WATERSHED BRANCH OFFICE:
3614 EAST ASHLAN AVENUE
FRESNO, CA 93726
PHONE: (209) 445-5116
FAX: (209) 445-5910



2 July 1993



Mr. Larry Bright
Valley Waste Disposal Company
1400 Easton Drive, Suite 139-B
Bakersfield, CA 93309

REPORT OF RECENT INSPECTION - WESTSIDE DISPOSAL FACILITIES - KERN COUNTY

Enclosed for your information are copies of inspection reports covering recent inspections of your westside oil production wastewater disposal facilities. No violations of the Waste Discharge Requirements (WDRs) were noted at the time of the inspection.

Current WDRs for Valley Waste west side disposal facilities were written previous to 1970. On 15 July 1975, the Board adopted a "Water Quality Control Plan" for the Tulare Lake Basin (5D). This plan is used to establish water quality standards and serves as a guide in developing and updating WDRs.

WDRs in this area are outdated and many are not consistent with the Basin Plan. We are continuing to work with you regarding the Westside Ground Water Study. The information will be used to evaluate the continued viability of wastewater disposal operations in the Midway Sunset oil field area.

If you have any questions, please call Shelley Buck at (209) 445-5357.


SHELTON R. GRAY
Senior Engineering Geologist


WILLIAM F. PFISTER
Supervising Engineering Geologist
CEG No. 931

SJB:sjb

Enclosure

cc: Steve McCalley, Kern County Health Department, Bakersfield
Dave Clark, CDOGRR, Bakersfield

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

INSPECTION REPORT

1 July 1993

DISCHARGER: VALLEY WASTE DISPOSAL COMPANY

LOCATION & COUNTY: MCKITTRICK (1) FACILITY

CONTACT(S): LARRY BRIGHT

INSPECTION DATE: 3 JUNE 1993

INSPECTED BY: SHELLEY J. BUCK

ACCOMPANIED BY: LARRY BRIGHT

OBSERVATIONS AND COMMENTS:

The McKittrick (1) facility is in Section 19, T29S, R22E and Section 24, T29S, R21E, MDB&M of the McKittrick Oil Field. The facility consists of six primary oil/water separation ponds and 36 evaporation/percolation ponds.

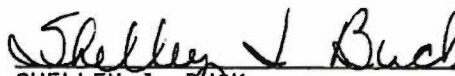
Oil field produced water is transported to this facility via pipeline. Water is first routed into the primary ponds where residual oil and grease is skimmed using vacuum trucks. Wastewater is then routed to the disposal ponds. Wastewater disposal activities at this facility are currently regulated by Resolution No. 69-199. This resolution does not currently contain any monitoring and reporting requirements.

The facility was not receiving any wastewater at the time of the inspection. The primary ponds contained residual crude oil and water. The six primary ponds were netted to protect wildlife.

None of the 36 disposal ponds were in use at the time of the inspection. There was no visible crude oil on the soil surface of the empty ponds. Photos (slides) were taken to document site conditions at the time of the inspection.

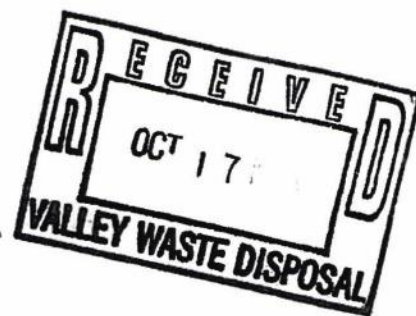
INSPECTION SUMMARY:

No violations of the current waste discharge requirements were noted. WDR's need to be updated to reflect current plans and policies of the Board.


SHELLEY J. BUCK

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION3614 East Ashlan Avenue
Fresno, CA 93726
PHONE: (209) 445-5116
FAX: (209) 445-5910

14 October 1994

Mr. Larry Bright
Valley Waste Disposal Company
1400 Easton Drive, Suite 135-B
Bakersfield, CA 93309

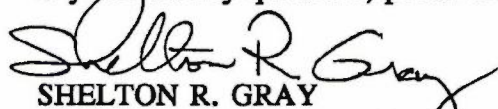
INSPECTION REPORTS - VALLEY WASTE DISPOSAL FACILITIES - KERN COUNTY

Enclosed for your information are copies of inspection reports regarding your oil production wastewater disposal facilities in Kern County. **No violations of the Waste Discharge Requirements (WDRs) were noted at the time of the inspection.**

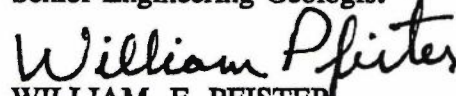
Current WDRs for Valley Waste disposal facilities were written previous to 1970. On 15 July 1975, the Board adopted a "Water Quality Control Plan" for the Tulare Lake Basin (5D). This plan is used to establish water quality standards and serves as a guide in developing and updating WDRs. The WDRs are outdated and need to be updated to reflect current state regulations and policies.

We are continuing to work with you regarding the Westside Ground Water Study. The information from the study will be used to evaluate the continuing viability of wastewater disposal operations in the Midway Sunset oil field area.

If you have any questions, please call Rajeev L. Dwivedi at (209) 445-6126.



SHELTON R. GRAY
Senior Engineering Geologist



WILLIAM F. PFISTER
Supervising Engineering Geologist
CEG No. 931

RLD:rld
Enclosurecc: Steve McCalley, Kern County Health Department, Bakersfield
Dave Clark, CDOGRR, Bakersfield

OFFICE NO: 5F
INSPECTOR: RLD

FACILITIES INSPECTION REPORT

SWRCB 001 (REV. 5-91)

PCA System Task No. 143

5D152013017	VALLEY WASTE DISPOSAL CO.	MCKITTRICK FACILITIES
WDS NUMBER	NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE	NAME OF FACILITY
	1400 EASTON DR., SUITE 139-B	
NPDES NUMBER	AGENCY STREET	FACILITY STREET
	BAKERSFIELD, CA 93389	
(YY) (MM) (TYPE)	AGENCY CITY AND STATE	FACILITY CITY AND STATE
SCHEDULED INSPECTION DATE	LARRY BRIGHT	CA
94-6-24	AGENCY CONTACT PERSON	ONSITE FACILITY CONTACT PERSON
(YY MM DD)	805-322-5004	
ACTUAL INSPECTION DATE	AGENCY PHONE NO.	FACILITY PHONE NO.

S Inspection Agency (State = S, State/EPA Joint = J)

N Is this a type "A1" or "B1" Compliance Inspection of an NPDES facility as required by the section 106 grant workplan? (Y/N)
If so, send a copy of this report to EPA

INSPECTION TYPE (Check One)

- A1 X "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- B1 _____ "B" type compliance -- A routine nonsampling inspection. (EPA type C)
- 02 _____ Noncompliance follow-up -- Inspection made to verify correction of a previously identified violation.
- 03 _____ Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.
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- 06 _____ Miscellaneous -- Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g. -- biomonitoring, performance audit, diagnostic, etc.)

(Type)

No Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

_____ Was this a Quality Assurance-Based Inspection? (Y/N)

_____ Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)

NO VIOLATIONS OBSERVED

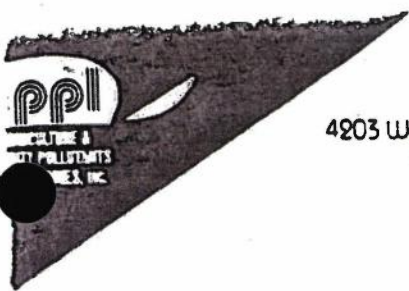
INSPECTOR'S DATA:

INITIALS RLD SIGNATURE [Signature] DATE 5/24/97

For Internal Use: Reviewed by: (1) [Signature] (2) _____ (3) _____
Reg. WDS Coordinator

WDS Data Entry Date: _____

Regional Board File Number: _____



4203 West Swift ▼ Fresno, California 93722 ▼ Phone 209 275-2175 ▼ Fax 209 275-4422

By

2

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: 06/24/94
Report Date: 07/28/94

Page 1 of 1

Sample I.D. No: MCK 1-1

Date Received: 06/28/94

APPL Sample No: R17610-08942W

Test Results

	<u>Results</u>	<u>Quantitation</u> <u>Limit</u>	<u>Method</u> <u>Number</u>
Boron (B), $\mu\text{g/L}$	43700	12500	EPA 200.7
Chloride (Cl), mg/L	5540	200	EPA 300.0

Tested by

Debra Christy

Checked by

Mark D3-



4203 West Swift ▼ Fresno, California 93722 ▼ Phone 209 275-2175 ▼ Fax 209 275-4422

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: NA
Report Date: 07/28/94

Page 1 of 2

Sample I.D. No: MCK
Blank for samples
taken 06/24/94

Date Received: NA

APPL Sample No: R17610-940705W

Date Extracted: 07/05/94

Test Results:**

<u>Compound</u>	<u>Concentration $\mu\text{g/L}$</u>	<u>Detection limit $\mu\text{g/L}$</u>
Benzene	ND*	0.5
Ethylbenzene	ND	0.5
Toluene	ND	0.5
Total Xylenes	ND	0.5
TPH-Gasoline	ND	20

* ND = None Detected

** B.T.E. & X. analyzed by EPA Method 8020 & 5030.
TPH (Total Purgeable Hydrocarbons) analyzed by EPA Method
5030 and GC/FID.

Checked By

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Report Date: 07/28/94

Page 2 of 2

Project ID No: MCK

APPL Spike ID: R17610 08950W-08952W 3836A

Concentration Units: $\mu\text{g/L}$

SPIKES

Method	Analysis	Date	Amt in Sample	Amt Spiked	Results	Percent Recovery	RPD
8020	Benzene	07/05/94	0.00	5.00	4.58	91.6	3.0
8020	Toluene	07/05/94	0.00	5.00	4.35	87.0	1.4
8020	Ethyl benzene	07/05/94	0.00	5.00	4.36	87.2	1.4
8020	Xylenes	07/05/94	0.00	15.0	13.0	86.7	1.9
GC/FID	Gasoline	07/05/94	0.00	100	108	108	2.7

APPL Spike ID: R17610 08950W-08952W 3837B

Method	Analysis	Date	Amt in Sample	Amt Spiked	Results	Percent Recovery	RPD
8020	Benzene	07/05/94	0.00	5.00	4.72	94.4	3.1
8020	Toluene	07/05/94	0.00	5.00	4.41	88.2	1.4
8020	Ethyl benzene	07/05/94	0.00	5.00	4.42	88.4	1.4
8020	Xylenes	07/05/94	0.00	15.0	13.3	88.3	1.9
GC/FID	Gasoline	07/05/94	0.00	100	111	111	2.7

Comments:

Checked By



Contract # 3-116-130
Case #

SAMPLERS: (Signature)
J. D. Davis

Phone: 209 445 6126

SHIP TO: _____

ATTENTION: _____

Phone No. _____

Relinquished by: (Signature)

Relinquished by: (Signature)	Re
------------------------------	----

Relinquished by: (Signature) Re

Relinquished by: (Signature) Re

Received by: (Signature)	Date/Time
--------------------------	-----------

Date/Time

Received by: (Signature)	Date/Time
--------------------------	-----------

Date/Time

Received by: (Signature)	Date/Time
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Date/Time

Receive for laboratory by: (Signature)	Date/Time
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Date/Time

*Analysis laboratory should complete, "sample condition upon receipt", section below, sign and return top copy to
A P P L, INC. 4203 WEST SWIFT, FRESNO, CALIFORNIA 93722

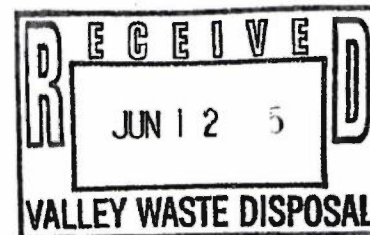
[illegible]

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

3614 East Ashlan Ave.
Fresno, CA 93726
PHONE: (209) 445-5116
FAX: (209) 445-5910



8 June 1995



Mr. Larry Bright
Valley Waste Disposal Company
1400 Easton Drive, Suite 135-B
Bakersfield, CA 93309

INSPECTION REPORTS - VALLEY WASTE DISPOSAL FACILITIES - KERN COUNTY

Enclosed for your information are copies of inspection reports regarding your oil production wastewater disposal facilities in Kern County. **No violations of the Waste Discharge Requirements were noted at the time of the inspection.**

If you have any questions, please call Rajeev L. Dwivedi at (209) 445-6126.

SHELTON R. GRAY
Senior Engineering Geologist

WILLIAM F. PFISTER
Supervising Engineering Geologist
CEG No. 931

RLD:rld
Enclosure

cc: Steve McCalley, Kern County Health Department, Bakersfield
CDOGRR, Bakersfield

OFFICE NO: 5F
INSPECTOR: RLD

FACILITIES INSPECTION REPORT
SWRCB 001 (REV. 5-91)

PCA System Task No. 131

5D152013017	VALLEY WASTE DISPOSAL CO.	McKITTRICK FACILITIES
WDS NUMBER	NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE	NAME OF FACILITY
NPDES NUMBER	1400 EASTON DR. SUITE 139-B	FACILITY STREET
(YY) (MM) (TYPE) SCHEDULED INSPECTION DATA	BAKERSFIELD, CA 93389	FACILITY CITY AND STATE
95-05-19	LARRY BRIGHT	CA
(YY MM DD) ACTUAL INSPECTION DATE	805-322-5004	ONSITE FACILITY CONTACT PERSON
	AGENCY PHONE NO.	FACILITY PHONE NO.

S Inspection Agency (State = S, State/EPA Joint = J)
N Is this a type "A1" or "B1" Compliance inspection of an NPDES facility as required by the section 106 grant workplan? (Y/N)
If so, send a copy of this report to EPA

INSPECTION TYPE (Check One)

- A1 "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- B1 X "B" type compliance -- A routine nonsampling inspection. (EPA type C)
- 02 Noncompliance follow-up -- inspection made to verify correction of a previously identified violation.
- 03 Enforcement follow-up -- inspection made to verify that conditions of an enforcement action are being met.
- 04 Complaint -- inspection made in response to a complaint.
- 05 Pre-requirement -- inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 Miscellaneous -- Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g. -- biomonitoring, performance audit, diagnostic, etc.)

(Type)

- N Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)
- N Was this a Quality Assurance-Based Inspection? (Y/N)
- N Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)

NO VIOLATIONS OBSERVED

INSPECTOR'S DATA:

INITIALS RLD SIGNATURE Rajen S. Dano DATE 5/30/95

For Internal Use: Reviewed by: (1) SRG (2) (3)
Reg. WDS Coordinator

WDS Data Entry Date:

Regional Board File Number:

FACILITIES INSPECTION REPORT

SWRCB 001 (REV. 5-91)

(Page 2)

VIOLATION (IF APPLICABLE)

VIOLATION TYPE? (A-G) N/A (See pages IKO5.0 and IKO5.1 of the Micro Waste Discharger System Users Manual)

DATE OF VIOLATION (YYMMDD) _____ DATE OF VIOLATION DETERMINATION (YYMMDD) _____

DESCRIPTION:

EPA SUGGESTED INSPECTION CHECKLIST

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

<u>S</u> Permit	<u>N</u> Flow Measurement	<u>N</u> Pretreatment	<u>S</u> Operations & Maintenance
<u>S</u> Records/Reports	<u>N</u> Laboratories	<u>N</u> Compliance Schedules	<u>N</u> Sludge Disposal
<u>S</u> Facility Site Review	<u>N</u> Eff./Receiving Waters	<u>N</u> Self-Monitoring	<u>N</u> Other

X (1-5) Overall Facility Operation Evaluation (5 = Very reliable, 3 = Satisfactory, 1 = Unreliable)

ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, ITEMS FOR FOLLOWUP ON
FUTURE INSPECTION, NOTES, ETC. (Attach additional pages, if necessary)

See attached.

HISTORICAL INFORMATION:

MOST RECENT ORDERS:

ORDER NO. DATE ADOPTED TYPE

MOST RECENT INSPECTIONS

DATE INSP. TYPE VIOLATIONS?

MOST RECENT VIOLATIONS

VIOL. TYPE DATE

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION**

3614 East Ashlan Ave.
Fresno, CA 93726
PHONE: (209) 445-5116
FAX: (209) 445-5910



2 July 1996




Mr. Larry Bright
Valley Waste Disposal Company
1400 Easton Drive, Suite 139-B
Bakersfield, CA 93309

INSPECTION REPORTS - VALLEY WASTE DISPOSAL FACILITIES - KERN COUNTY

Enclosed are copies of inspection reports regarding your wastewater disposal facilities located in the Midway Sunset and Cymric Oil Fields. **No violations of the waste discharge requirements were observed.** Slide photographs were taken at each of the facilities.

If you have any questions, please call Jim Dowdall of this office at (209) 445-5108.


SHELTON R. GRAY
Senior Engineering Geologist

JKD:jkd

Enclosures

cc: Steve McCalley, Kern County Environmental Health Department
California Division of Oil & Gas, Bakersfield

OFFICE NO: 5FINSPECTOR: JKD

FACILITIES INSPECTION REPORT

SWRCB 001 (REV. 5-91)

PCA System Task No. 13103

5D152013017

WDS NUMBER

None

NPDES NUMBER

Valley Waste Disposal Co.

NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE

1400 Easton Dr., Suite 139-B

AGENCY STREET

Bakersfield, CA

93309

AGENCY CITY AND STATE

Larry Bright

AGENCY CONTACT PERSON

(805) 322-5004

AGENCY PHONE NO.

McKittrick No. 1

NAME OF FACILITY

FACILITY STREET

FACILITY CITY AND STATE

ONSITE FACILITY CONTACT PERSON

FACILITY PHONE NO.

(YY) (MM) (TYPE)
SCHEDULED INSPECTION DATA96 06 21 (YYMMDD)
ACTUAL INSPECTION DATES

Inspection agency (State = S, State / EPA Joint = J)

N

Is this a type "A1" or "B1" Compliance Inspection of an NPDES facility as required by the section 106 grant workplan? (Y/N) If so, send a copy of this report to EPA

INSPECTION TYPE (Check One)

- AI X "A" type compliance - Comprehensive inspection in which samples are taken. (EPA Type S)
- BI "B" type compliance - A routine nonsampling inspection. (EPA type C)
- 02 Noncompliance follow-up - Inspection made to verify correction of a previously identified violation.
- 03 Enforcement follow-up - Inspection made to verify that conditions of an enforcement action are being met.
- 04 Complaint - Inspection made in response to a complaint.
- 05 Pre-requirement - Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 Miscellaneous - Any inspection type not mentioned above.
- If this is an EPA inspection not mentioned above, please note type.
(e.g., -biomonitoring, performance audit, diagnostic, etc.)
- (Type)

N

Were violations noted during this inspection? (Yes/No/Pending Sample Results)

N

Was this a Quality Assurance-Based Inspection? (Y/N)

N

Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)

INSPECTED FACILITY FOR COMPLIANCE WITH WDRS ORDER NO. 69-199.

INSPECTOR'S DATA:

INITIALS JKD

SIGNATURE

James K Powell

DATE

25 June 1996

For Internal Use: Reviewed by: (1)

SRG

(2)

(3)

Buck

Reg. WDS Coordinator

WDS Data Entry Date: 7-1-96Regional Board File Number:

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

INSPECTION REPORT

29 August 1997

DISCHARGER: VALLEY WASTE DISPOSAL COMPANY
LOCATION & COUNTY: MCKITTRICK 1 FACILITY, KERN COUNTY
CONTACT(S): LARRY BRIGHT
INSPECTION DATE: 26 JUNE 1997
INSPECTED BY: RAJEEV L. DWIVEDI
ACCOMPANIED BY: LARRY BRIGHT

OBSERVATIONS AND COMMENTS

The McKittrick 1 facility is in Section 19, T29S, R22E and Section 24, T29S, R21E, MDB&M, in the McKittrick Oil Field. The facility consists of six primary oil/water separation ponds and 36 disposal ponds.

Oil field produced wastewater is transported to this facility via pipeline. Wastewater is first routed into the primary ponds where residual oil and grease is skimmed off using vacuum trucks. Wastewater is then routed to the disposal ponds.

Wastewater disposal activities at this facility are currently regulated by Waste Discharge Requirements (WDRs), Resolution No. 69-199. The WDRs do not contain any monitoring and reporting requirements.

The primary ponds were full of wastewater at the time of the inspection. There was no significant accumulation of crude oil and grease observed on the water surface areas of the primary ponds. The ponds were netted to protect wildlife.

Twelve of the 36 disposal ponds were in use at the time of the inspection. There was no oil visible on the water surface areas of the ponds that were in operation or on the soil surface of the ponds that were empty. Adequate freeboard (2 feet minimum) was being maintained in all ponds that contained wastewater. Photos (slides) were taken to document site conditions observed during the inspection.

A wastewater sample (Sample MCK 1) was collected from the first distribution/settlement pond and analyzed for specific constituents. The analytical results are shown below and copies of the laboratory reports are enclosed.

Analytical results for Sample MCK 1

Electrical conductivity (EC)	42000 $\mu\text{mhos/cm}$	Toluene	1000 $\mu\text{g/l}$
Chloride	16000 mg/l	Xylene	550 $\mu\text{g/l}$
Boron	130 mg/l	Gasoline	8400 $\mu\text{g/l}$
Benzene	400 $\mu\text{g/l}$	Phenols	170 $\mu\text{g/l}$
Ethylbenzene	120 $\mu\text{g/l}$		

INSPECTION SUMMARY

No violations of the WDRs were noted during the inspection. The Tulare Lake Basin Plan (5D) states that the maximum salinity limits for wastewaters in unlined sumps overlying groundwater with existing and future probable beneficial uses are 1000 $\mu\text{mhos/cm}$ for EC, 200 mg/l for chloride, and 1.0 mg/l for boron. The analytical results for the sample collected during the inspection indicate that the discharge exceeds the numerical water quality objectives contained in the Basin Plan.

The WDRs are outdated and inconsistent with water quality objectives contained in the Basin Plan. The WDRs should be updated to reflect current plans and policies of the Board.


for RAJEEV L. DWIVEDI
Associate Engineering Geologist

Attachments

OFFICE NO: 5FINSPECTOR: RLD

FACILITIES INSPECTION REPORT

SWRCB 001 (REV. 5-91)

PCA System Task No. 131035D152013017

WDS NUMBER

None

NPDES NUMBER

Valley Waste Disposal Co.

NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE

1400 Easton Dr., Suite 139-B

AGENCY STREET

Bakersfield, CA93309

AGENCY CITY AND STATE

Larry Bright

AGENCY CONTACT PERSON

(805) 322-5004

AGENCY PHONE NO.

McKittrick No. 1

NAME OF FACILITY

FACILITY STREET

FACILITY CITY AND STATE

ONSITE FACILITY CONTACT PERSON

FACILITY PHONE NO.

(YY) (MM) (TYPE)
SCHEDULED INSPECTION DATA97 06 26 (YYMMDD)
ACTUAL INSPECTION DATES

Inspection agency (State = S, State / EPA Joint = J)

N

Is this a type "A1" or "B1" Compliance Inspection of an NPDES facility as required by the section 106 grant workplan? (Y/N) If so, send a copy of this report to EPA

INSPECTION TYPE (Check One)

- AI X "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- BI "B" type compliance -- A routine nonsampling inspection. (EPA type C)
- 02 Noncompliance follow-up -- Inspection made to verify correction of a previously identified violation.
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- 05 Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 Miscellaneous -- Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g.--biomonitoring, performance audit, diagnostic, etc.)

(Type)

N

Were violations noted during this inspection? (Yes/No/Pending Sample Results)

N

Was this a Quality Assurance-Based Inspection? (Y/N)

N

Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

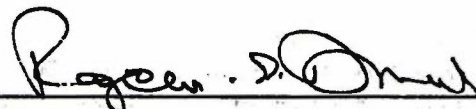
INSPECTION SUMMARY (REQUIRED) (100 character limit)

INSPECTED FACILITY FOR COMPLIANCE WITH WDRS ORDER NO. 69-199.

INSPECTOR'S DATA:

INITIALS RLD

SIGNATURE



DATE

26 June 1997For Internal Use: Reviewed by: (1) SRK(2) (3)

Reg. WDS Coordinator

WDS Data Entry Date: - - Regional Board File Number:

BSK ANALYTICAL LABORATORIES

Certificate of Analysis

Betty Yee
CRWQCB
3614 E. Ashlan
Fresno, CA 93726

Report Issue Date : 07/17/97

Submission Number : 9706000639
Lab Number : 23898
Project Number :
Project Desc. :
Sample Description : MCK1

Sample Date : 06/26/97
Sample Time : 00:00
Sample Type : LIQUID

Method	Analyte	Date Prep.	Date Anal.	Result	Units	DLR	Dil
EPA 200.7	Boron (B)	07/09/97	07/09/97	130	mg/L	0.2	1
EPA 300.0	Chloride (Cl)	07/07/97	07/07/97	16000	mg/L	1	
SM 2510-B	Conductivity, Specific (EC)	07/02/97	07/02/97	42000	μmho/cm	1	1

ND : None Detected
mg/L : Milligrams/Liter = ppm
μg/L : Micrograms/Liter = ppb
ng/kg : Milligrams/Kilogram = ppm
μg/kg : Micrograms/Kilogram = ppb

DLR : Detection Limit for the Purposes of Reporting
Exceptional sample matrices or interferences
may result in higher detection limits

DLR = DLR x Dilution Factor

Conversions:
1 ppm = 1000 ppb
1 ppb = 0.001 ppm

BSK ANALYTICAL LABORATORIES

Certificate of Analysis

Betty Yee
CRWQCB
3614 E. Ashlan
Fresno, CA 93726-

Report Issue Date : 07/17/97

Submission Number : 9706000639
Lab Number : 23898
Project Number :
Project Desc. :
Sample Description : MCK1

Sample Date : 06/26/97
Sample Time : 00:00
Sample Type : LIQUID

BSK LABORATORIES LUFT ANALYSIS

Method	Analyte	Date Prep.	Date Anal.	Result	Units	DLR	Dil
EPA 8015 / EPA 8020	Benzene	07/09/97	07/09/97	400	µg/L	0.3	20
EPA 8015 / EPA 8020	Ethylbenzene	07/09/97	07/09/97	120	µg/L	0.3	20
EPA 8015 / EPA 8020	Toluene	07/09/97	07/09/97	1000	µg/L	0.3	20
EPA 8015 / EPA 8020	p-Xylene	07/09/97	07/09/97	ND	µg/L	0.3	1
EPA 8015 / EPA 8020	m-Xylene	07/09/97	07/09/97	ND	µg/L	0.3	1
EPA 8015 / EPA 8020	o-Xylene	07/09/97	07/09/97	550	µg/L	0.3	20
EPA 8015 / EPA 8020	Gasoline Higher boiling-point hydrocarbons decreased relative to standard.	07/09/97	07/09/97	8400	µg/L	50	20

ND : None Detected
mg/L : Milligrams/Liter = ppm
µg/L : Micrograms/Liter = ppb
1g/kg : Milligrams/Kilogram = ppm
g/kg : Micrograms/Kilogram = ppb

DLR : Detection Limit for the Purposes of Reporting
Exceptional sample matrices or interferences
may result in higher detection limits

DLR = DLR x Dilution Factor

Conversions:
1 ppm = 1000 ppb
1 ppb = 0.001 ppm

BSK ANALYTICAL LABORATORIES

Certificate of Analysis

Betty Yee
CRWQCB
3614 E. Ashlan
Fresno, CA 93726-

Preparation Date : 07/01/97
Analysis Date : 07/13/97
Report Issue Date : 07/17/97

Submission Number : 9706000639
Lab Number : 23898
Project Number :
Project Desc. :
Sample Description : MCK1

Sample Date : 06/26/97
Sample Time : 00:00
Sample Type : LIQUID

604, Phenols List by GC/MS(EPA 8270M)

Analyte	Result	Units	DLR	Dil
2-Chlorophenol	ND	µg/l	5.0	10
4-Chloro-3-methylphenol	ND	µg/l	10.0	10
2,4-Dichlorophenol	ND	µg/l	5.0	10
2,4-Dimethylphenol	ND	µg/l	5.0	10
2,4-Dinitrophenol	ND	µg/l	50.0	10
4,6-Dinitro-2-methylphenol	ND	µg/l	25.0	10
2-Nitrophenol	ND	µg/l	5.0	10
4-Nitrophenol	ND	µg/l	25.0	10
Pentachlorophenol (PCP)	ND	µg/l	25.0	10
Phenol	170	µg/l	10.0	10
2,4,6-Trichlorophenol	ND	µg/l	5.0	10

ND : None Detected
mg/L : Milligrams/Liter = ppm
µg/L : Micrograms/Liter = ppb
mg/kg : Milligrams/Kilogram = ppm
µg/kg : Micrograms/Kilogram = ppb

DLR : Detection Limit for the Purposes of Reporting
Exceptional sample matrices or interferences
may result in higher detection limits

DLR = DLR x Dilution Factor

Conversions:
1 ppm = 1000 ppb
1 ppb = 0.001 ppm

Analytical results for Sample MCK 1-1

Electrical conductivity (EC)	15000	µmhos/cm	Toluene	1.4	µg/l
Chloride	4500	mg/l	Xylene	ND	
Boron	55	mg/l	Gasoline	54	µg/l
Benzene	1.8	µg/l	Phenols	ND	
Ethylbenzene	ND				

INSPECTION SUMMARY

No violations of the WDRs were noted during the inspection. The Tulare Lake Basin Plan (5D) states that the maximum salinity limits for wastewaters in unlined sumps overlying groundwater with existing and future probable beneficial uses are 1000 µmhos/cm for EC, 200 mg/l for chloride, and 1.0 mg/l for boron. The analytical results for the sample collected during the inspection indicate that the discharge exceeds the numerical water quality objectives contained in the Basin Plan.

The WDRs are outdated and inconsistent with water quality objectives contained in the Basin Plan. The WDRs should be updated to reflect current plans and policies of the Board.


for RAJEEV L. DWIVEDI
Associate Engineering Geologist

Attachments



Peter M. Rooney
Secretary for
Environmental
Protection

California Regional Water Quality Control Board

Central Valley Region

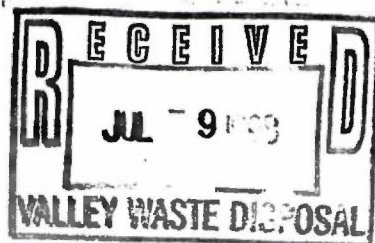


Ed J. Schnabel
Chair

Fresno Branch Office

Internet Address: <http://www.swrcb.ca.gov/~rwqcb5/home.html>
3614 East Ashlan Avenue, Fresno, California 93726
Phone (209) 445-5116 • FAX (209) 445-5910

8 July 1998



Mr. Larry Bright
Valley Waste Disposal Company
1400 Easton Drive, Suite 139-B
Bakersfield, CA 93309

INSPECTION REPORTS - VALLEY WASTE DISPOSAL FACILITIES - KERN COUNTY

Enclosed are copies of inspection reports regarding your wastewater disposal facilities located in the Midway Sunset and Cymric Oil Fields. **No violations of the waste discharge requirements were observed.** Slide photographs were taken at each of the facilities.

If you have any questions, please call Jim Dowdall of this office at (209) 445-5108.

William F. Pfister

WILLIAM F. PFISTER
Supervising Engineering Geologist
CEG #931

Shelton R. Gray

SHELTON R. GRAY
Senior Engineering Geologist

JKD

Enclosures

cc: Mr. Steve McCalley, Kern County Environmental Health Department, Bakersfield
California Division of Oil, Gas & Geothermal Resources, Bakersfield

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OFFICE NO: 5FINSPECTOR: JKD

FACILITIES INSPECTION REPORT

SWRCB 001 (REV. 5-91)

PCA System Task No. 13103

-1-

5D152013017

WDS NUMBER

None

NPDES NUMBER

Valley Waste Disposal Company

NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE

1400 Easton Dr., Suite 139-B

AGENCY STREET

Bakersfield, CA

93309

AGENCY CITY AND STATE

Larry Bright

AGENCY CONTACT PERSON

(805) 322-5004

AGENCY PHONE NO.

McKittrick No. 1

NAME OF FACILITY

FACILITY STREET

FACILITY CITY AND STATE

ONSITE FACILITY CONTACT PERSON

FACILITY PHONE NO.

(YY) (MM) (TYPE)
SCHEDULED INSPECTION DATA98 06 19 (YYMMDD)
ACTUAL INSPECTION DATESN

Inspection agency (State = S, State / EPA Joint = J)

Is this a type "A1" or "B1" Compliance Inspection of an NPDES facility as required by the section 106 grant workplan? (Y/N) If so, send a copy of this report to EPA

INSPECTION TYPE (Check One)

- A1 "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type G)
- B1 X "B" type compliance -- A routine nonsampling inspection. (EPA type C)
- 02 Noncompliance follow-up -- Inspection made to verify correction of a previously identified violation.
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- If this is an EPA inspection not mentioned above, please note type.
(e.g.--biomonitoring, performance audit, diagnostic, etc.)
- _____
(Type)

N

Were violations noted during this inspection? (Yes/No/Pending Sample Results)

N

Was this a Quality Assurance-Based Inspection? (Y/N)

N

Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)

INSPECTED FACILITY FOR COMPLIANCE WITH WDRS ORDER NO. 69-199.

INSPECTOR'S DATA:

INITIALS JKD

SIGNATURE

James K. DoudellDATE 23 June 1998

For Internal Use: Reviewed by: (1) _____

(2)

SRB

(3)

GARY

Reg. WDS Coordinator

WDS Data Entry Date: 6.23.98

Regional Board File Number: _____

OFFICE NO 5F

INSPECTOR: DOWDALJ

FACILITIES INSPECTION
REPORT

SWRCB 001 (REV.5-91)

2002
Program Type: SUB15

D152013019

WDS NUMBER

Valley Waste Disposal Co

NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE

BELGIAN ANTICLINE, MCKITRK 1

NAME OF FACILITY

NPDES NUMBER

1400 EASTON DR, STE 139-B

AGENCY STREET

SEC19&24,T29S,R22&21E,MDB&M

FACILITY STREET

02 05 B1

(YY) (MM) (TYPE)
SCHEDULED INS. DATA

BAKERSFIELD, CA

AGENCY CITY AND STATE

93308-

KERN COUNTY

FACILITY CITY AND STATE

LARRY BRIGHT

AGENCY CONTACT PERSON

LARRY BRIGHT

ONSITE FACILITY CONTACT PERSON

020510

(YYMMDD)

(661) 322-5004

ACTUAL INS. DATE

AGENCY PHONE NO.

FACILITY PHONE NO.

S

Inspection agency (State = S, State / EPA Joint = J)

N

If this inspection is a Compliance Inspection of an NPDES facility, send a copy of this report to SWRCB's Division of Water Quality, Program Support Unit

INSPECTION TYPE (Check One)

- A1 ☐ "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- B1 ☒ "B" type compliance -- A routine nonsampling inspection. (EPA Type C)
- 02 ☐ Noncompliance follow-up -- Inspection made to verify correction of previously identified violation.
- 03 ☐ Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.
- 04 ☐ Complaint -- Inspection made in response to a complaint.
- 05 ☐ Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 6 ☐ Miscellaneous -- Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g. -- biomonitoring, performance audit, diagnostic, etc.)

(Type)

N

Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

N

Was this a Quality Assurance-Based Inspection? (Y/N)

N

Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough

INSPECTION SUMMARY (REQUIRED) (100 character limit)

INSPECTED FACILITY FOR COMPLIANCE WITH WDRS ORDER NO. 69 -199.

INSPECTOR'S DATA:

Staff ID DOWDALJ

SIGNATURE

James K Dowdell

DATE 17 May 2002

For Internal Use: Reviewed by: (1)

SRG

(2)

(3)

Reg. WDS Coordinator

WDS Data Entry Date:

Regional Board File Number:

Inspection ID:

2058

FACILITIES INSPECTION REPORT

SWRCB 001 (REV.5-91)

Page 2

VIOLATION (IF APPLICABLE)

VIOL (A-G): _____ (See pages IK05.0 and IK05.1 of the Micro Waste Discharger System Users Manual)

Date Violation Occurred (YYMMDD): _____ Date Violation Determined (YYMMDD): _____

DESCRIPTION (200 CHARACTER LIMIT): _____

EPA SUGGESTED INSPECTION CHECKLIST

(S= Satisfactory, M= Marginal, U= Unsatisfactory, N= Not Evaluated)

<u>S</u> Permit	<u>N</u> Flow Measurement	<u>N</u> Pretreatment	<u>S</u> Operations and Maintenance
<u>N</u> Records/Reports	<u>N</u> Laboratories	<u>N</u> Compliance Schedules	<u>N</u> Sludge Disposal
<u>S</u> Facility Site Review	<u>N</u> Eff./Receiving Waters	<u>N</u> Self-Monitoring	<u>N</u> Other

5 Overall Facility Operation Evaluation (5= Very reliable, 3= Satisfactory, 1= Unreliable)

STORICAL INFORMATION

MOST RECENT ORDERS

ORDER NO.	DATE ADOPTED	TYPE
69-19901	2/14/1969	WDR

MOST RECENT INSPECTIONS:

DATE	TYPE	VIOLATIONS?
4/27/2001	A1	
3/25/1999	B1	N
6/26/1997	A1	N
6/21/1996	A1	N

MOST RECENT VIOLATIONS:

VIOL TYPE	DATE
-----------	------

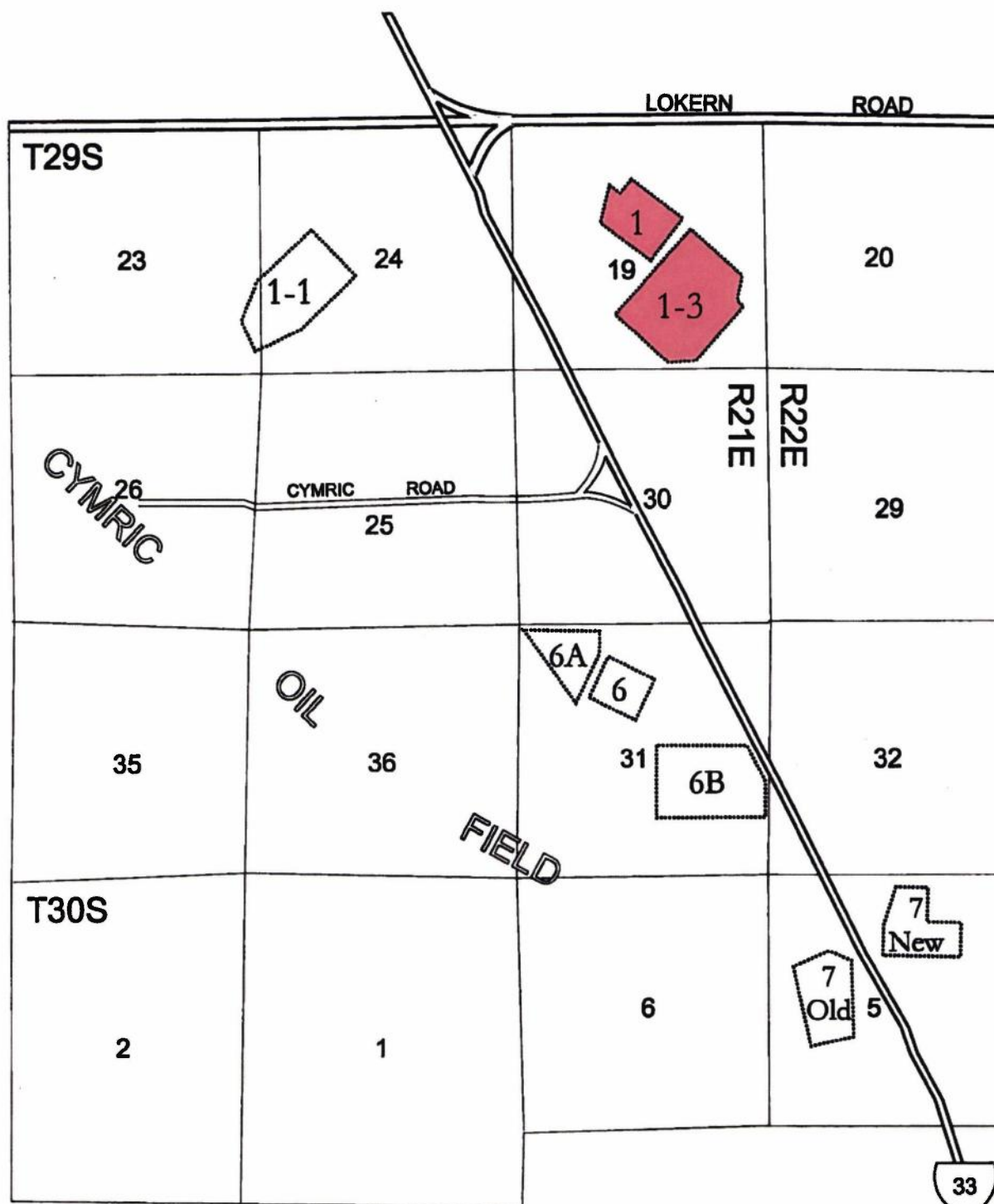
ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, ITEMS FOR FOLLOWUP ON FUTURE INSPECTIONS, NOTES, ETC. (Attach additional pages, if necessary)

The purpose of the inspection was to determine if the facility was being operated in compliance with Waste Discharge Requirements Order No. 69-199. I was accompanied during the inspection by Larry Bright of Valley Waste Disposal Company and Dean Hubbard of our office. Both McKittrick 1 and McKittrick 1-3 were inspected. The general location of the McKittrick 1 Facility is shown in Figure 1.

Approximately 35,000 barrels/day of produced oilfield wastewater is being disposed of at McKittrick 1 and 30,000 barrels/day at McKittrick 1-3. Six cleaning ponds and one impoundment were in use at McKittrick 1 (see Figure 2). I was informed that the impoundments at McKittrick 1 had recently been ripped with the 1st impoundment percolating most of the wastewater. Three cleaning ponds, a receiving pond, and five impoundments were in use at McKittrick 1-3 (see Figure 3).

Digital photos were taken during the inspection and are included in the report. The operation of the facility appeared to be in compliance with the WDRs.

Record: 1607

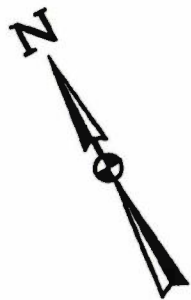


c:\my documents\vwdc\9 May 2002 Inspections\Cymric Map 1

VALLEY WASTE DISPOSAL COMPANY

McKittrick 1 and 1-3 Facilities
Inspected 10 May 2002

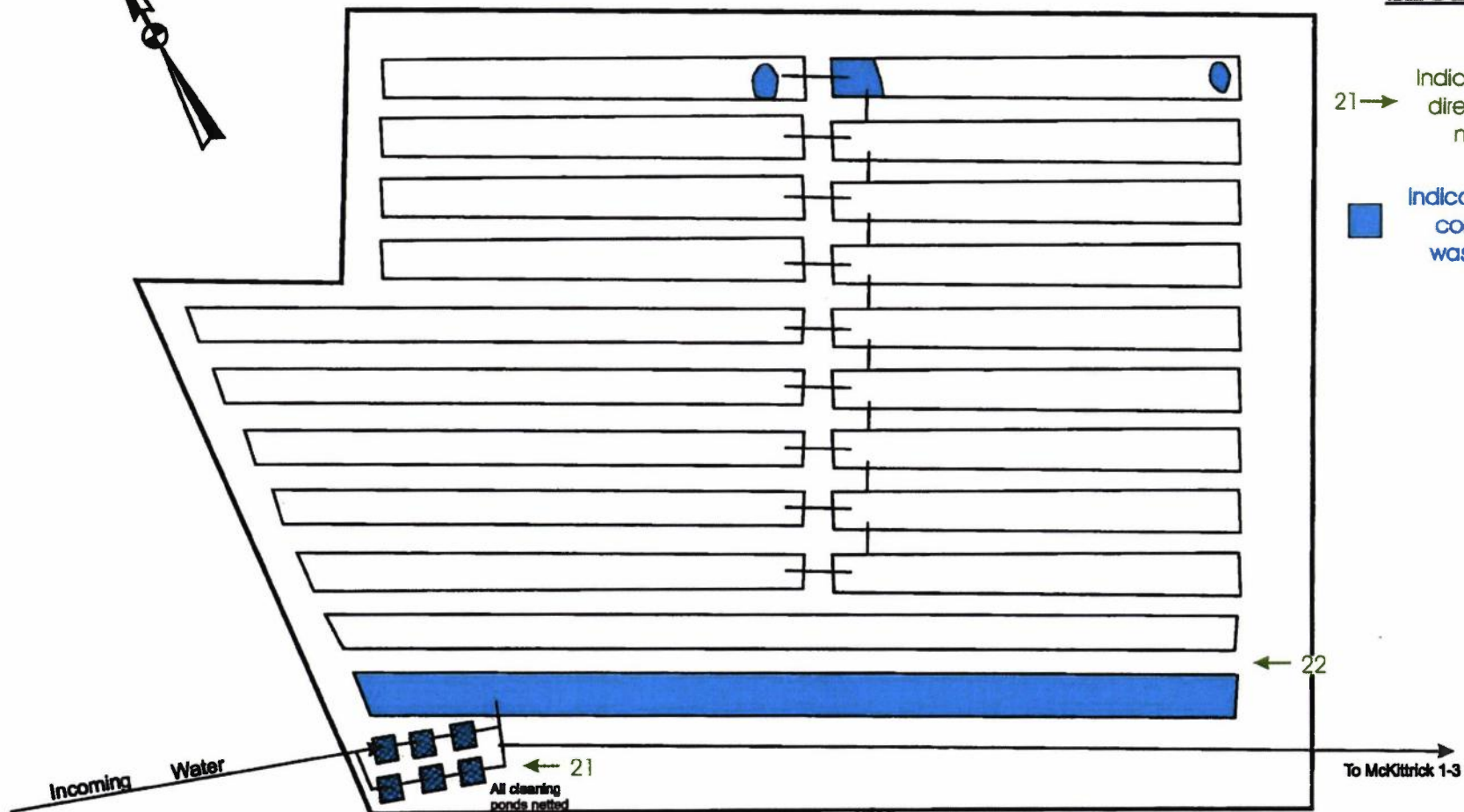
FIGURE 1.



LEGEND

21 → Indicates photo.
direction and
number.

■ Indicates ponds
containing
wastewater.



c:\my documents\vwdd\9 May 2002 Inspections\Mck 1 & 1-3\Fig. 2

VALLEY WASTE DISPOSAL COMPANY
McKittrick 1 Facility
Kern County

Figure 2



Photo 21: View of netted Cleaning Ponds looking towards the northwest.



Photo 22: View between 1st and 2nd Impoundments looking towards the northwest.

**MCKITTRICK 1 FACILITY
10 MAY 2002 INSPECTION
PHOTOS**

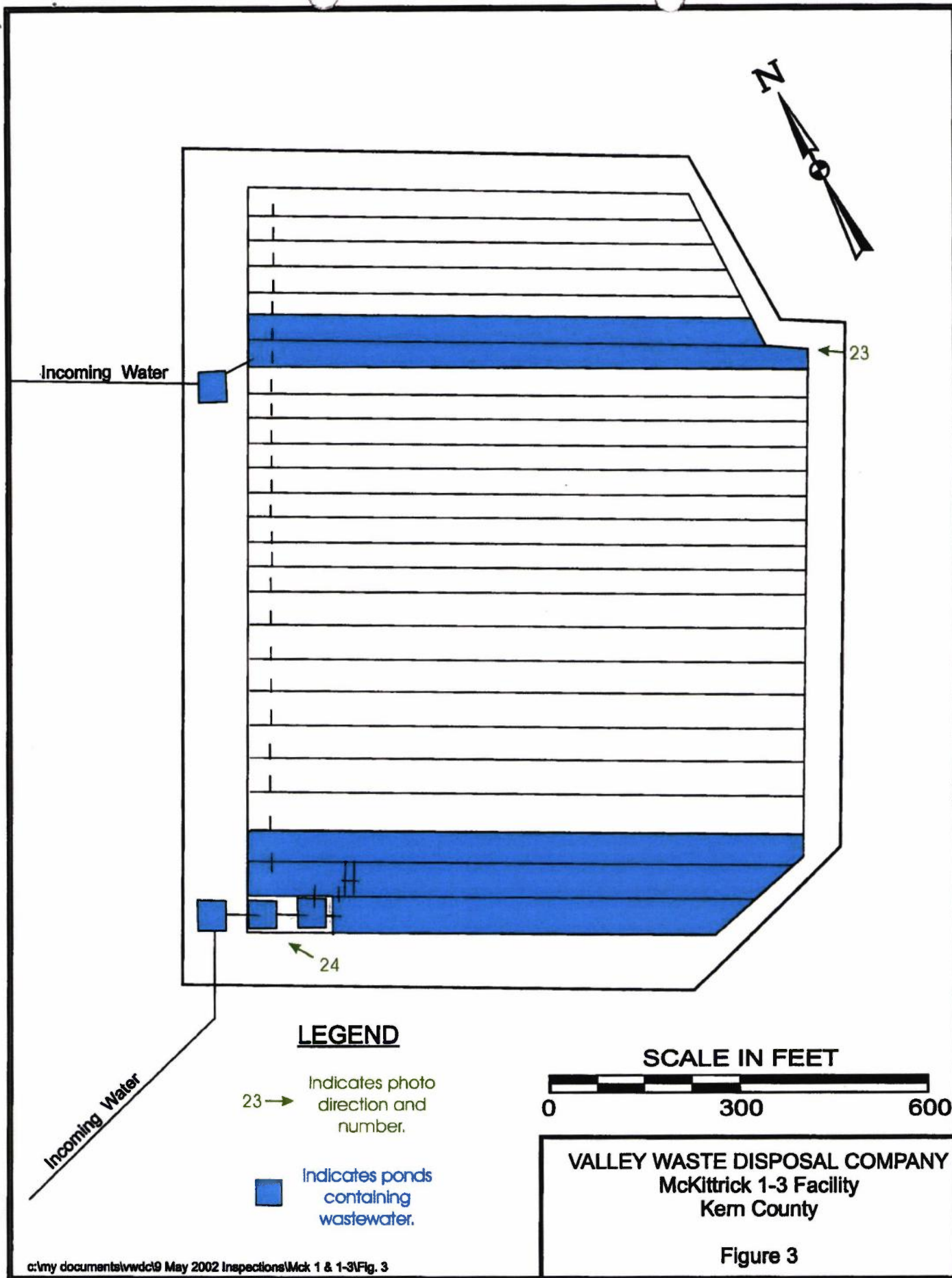




Photo 23: Looking towards the northwest in the northern portion of the facility.

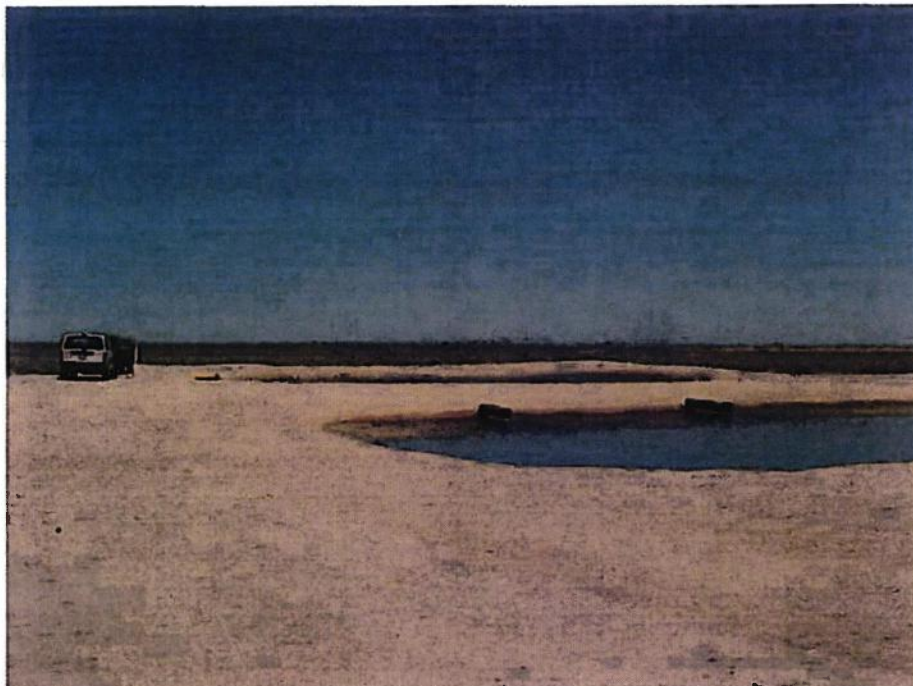


Photo 24: Looking towards the northwest at Cleaning Ponds.

**MCKITTRICK 1-3 FACILITY
10 MAY 2002 INSPECTION
PHOTOS**



Winston H. Hickox
Secretary for
Environmental
Protection

California Regional Water Quality Control Board Central Valley Region

Robert Schneider, Chair



Gray Davis
Governor

Fresno Branch Office

Internet Address: <http://www.swrcb.ca.gov/~rwqcb5>
1685 E Street, Fresno, California 93706-2020
Phone (559) 445-5116 • FAX (559) 445-5910

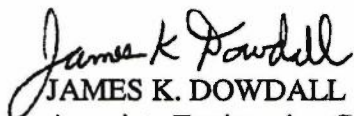
23 April 2003

Mr. Larry Bright
Valley Waste Disposal Company
1400 Easton Drive, Suite 139-B
Bakersfield, CA 93309

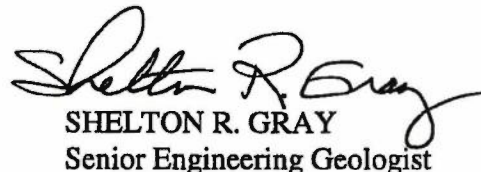
INSPECTION REPORTS – VALLEY WASTE DISPOSAL FACILITIES – KERN COUNTY

Enclosed are copies of reports for eight inspections conducted by Regional Board staff at your Midway Sunset and McKittrick facilities on 11 April 2003. **No violations of the waste discharge requirements were observed during the inspections.**

If you have any questions, please call Jim Dowdall of this office at (559) 445-5108.


JAMES K. DOWDALL

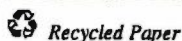
Associate Engineering Geologist
Registered Geologist #4830


SHELTON R. GRAY
Senior Engineering Geologist

JKD:c:\my document\vwde\11 April 2003 Inspections\insp cov ltr

cc: Mr. Steve McCalley, Kern County Environmental Health Department, Bakersfield
California Division of Oil, Gas & Geothermal Resources, Bakersfield

California Environmental Protection Agency



The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at <http://www.swrcb.ca.gov/rwqcb5>

OFFICE NO 5FINSPECTOR: DOWDALJ**FACILITIES INSPECTION
REPORT**

SWRCB 001 (REV.5-91)

Program Type: SUB15

5D152013019

WDS NUMBER

Valley Waste Disposal Co

NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE

BELGIAN ANTICLINE, MCKITRK 1

NAME OF FACILITY

NPDES NUMBER

1400 EASTON DR, STE 139-B

AGENCY STREET

SEC19&24,T29S,R22&21E,MDB&M

FACILITY STREET

03 04 B1

(YY) (MM) (TYPE)
SCHEDULED INS. DATA

BAKERSFIELD, CA

AGENCY CITY AND STATE

93309-

KERN COUNTY

FACILITY CITY AND STATE

LARRY BRIGHT

AGENCY CONTACT PERSON

LARRY BRIGHT

ONSITE FACILITY CONTACT PERSON

030411

(YYMMDD)

(661) 322-5004

ACTUAL INS. DATE

AGENCY PHONE NO.

FACILITY PHONE NO.

S

Inspection agency (State = S, State / EPA Joint = J)

N

If this inspection is a Compliance inspection of an NPDES facility, send a copy of this report to SWRCB's Division of Water Quality, Program Support Unit

INSPECTION TYPE (Check One)

- A1 ☐ "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- B1 ☒ "B" type compliance -- A routine nonsampling inspection. (EPA Type C)
- 02 ☐ Noncompliance follow-up -- Inspection made to verify correction of previously identified violation.
- 03 ☐ Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.
- 04 ☐ Complaint -- Inspection made in response to a complaint.
- 05 ☐ Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 ☐ Miscellaneous -- Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g. -- biomonitoring, performance audit, diagnostic, etc.)

(Type)

N Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

N Was this a Quality Assurance-Based Inspection? (Y/N)

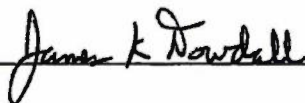
N Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough

INSPECTION SUMMARY (REQUIRED) (100 character limit)**INSPECTED FACILITY FOR COMPLIANCE WITH WDRS ORDER NO. 69-199.**

INSPECTOR'S DATA:

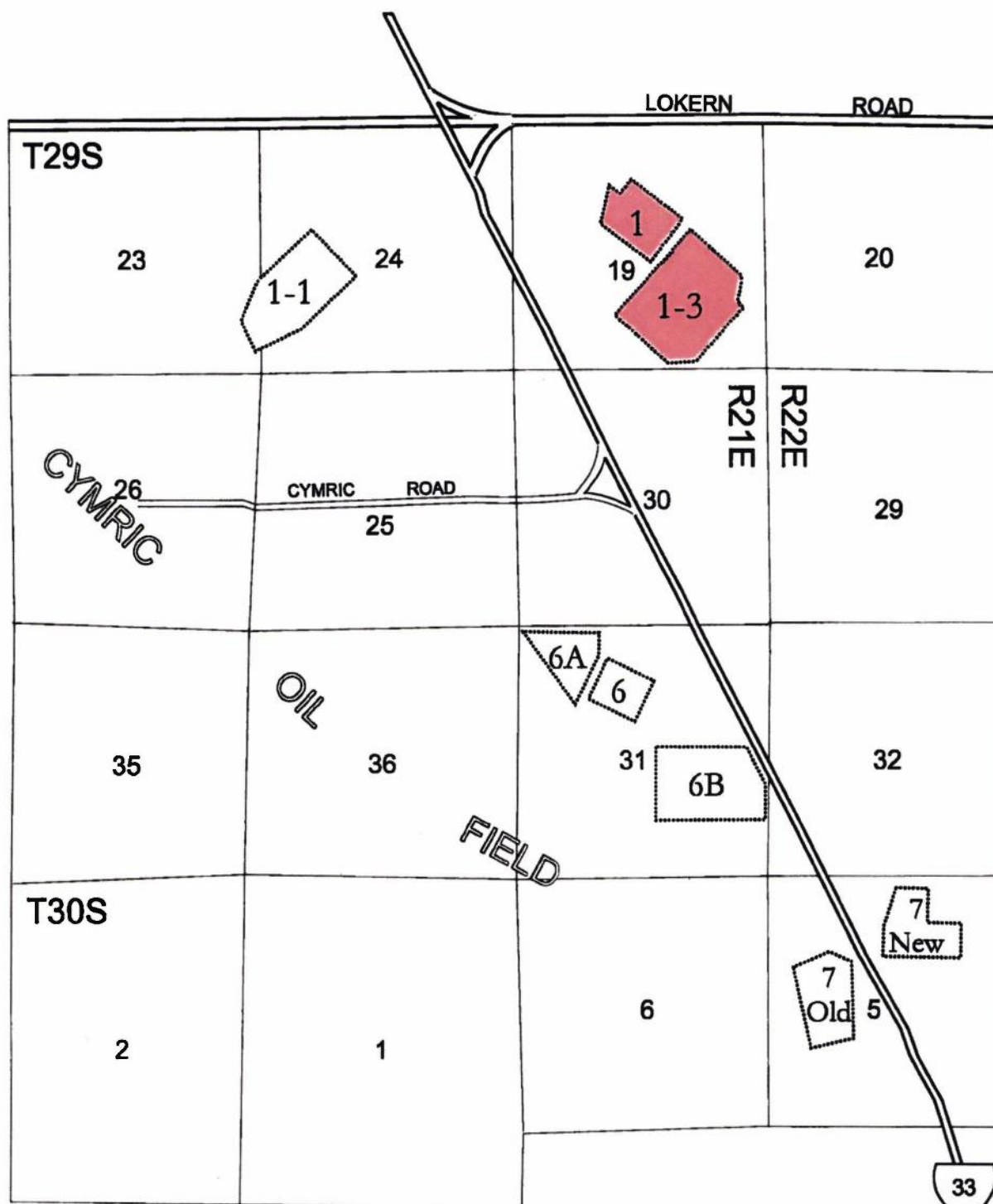
Staff ID DOWDALJ

SIGNATURE

DATE 21 April 200For Internal Use: Reviewed by: (1) SORS (2) (3)

Reg. WDS Coordinator

WDS Data Entry Date: Regional Board File Number: Inspection ID: 2615



c:\my documents\vwdc\11 April 2003 Inspections\Cymric Map 1

VALLEY WASTE DISPOSAL COMPANY

McKittrick 1 and 1-3 Facilities
Inspected 11 April 2003

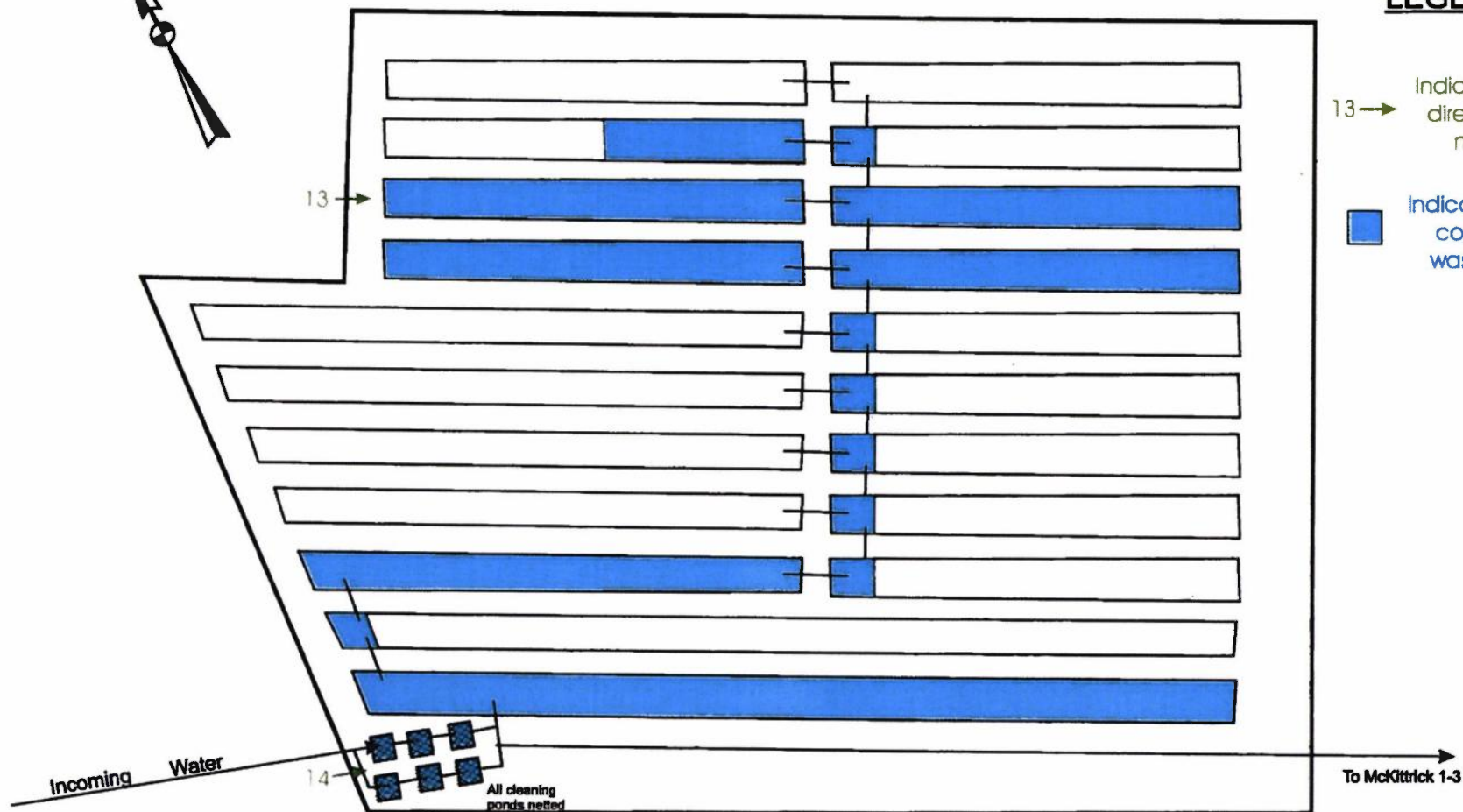
FIGURE 1.



LEGEND

13 → Indicates photo direction and number.

■ Indicates ponds containing wastewater.



SCALE IN FEET



c:\my documents\vwdd\11 April 2003 Inspections\Mck 1 & 1-3\Fig. 2

VALLEY WASTE DISPOSAL COMPANY
McKittrick 1 Facility
Kern County

Figure 2

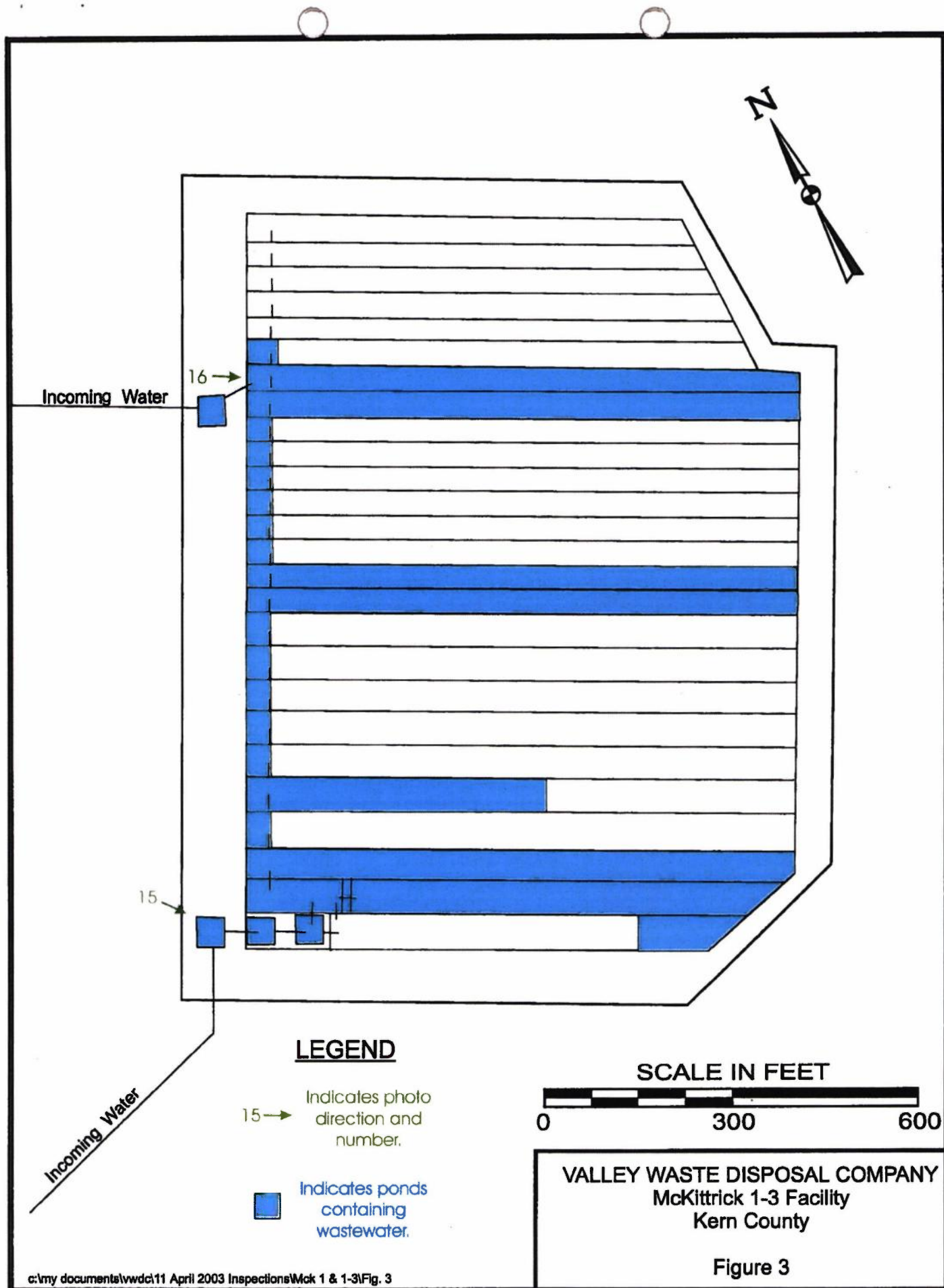




PHOTO 13: View of impoundment looking southeast.



PHOTO 14: View in between cleaning ponds looking southeast.

**MCKITTRICK 1 FACILITY
11 APRIL 2003 INSPECTION
PHOTOS**



PHOTO 15: View of cleaning pond looking southeast.

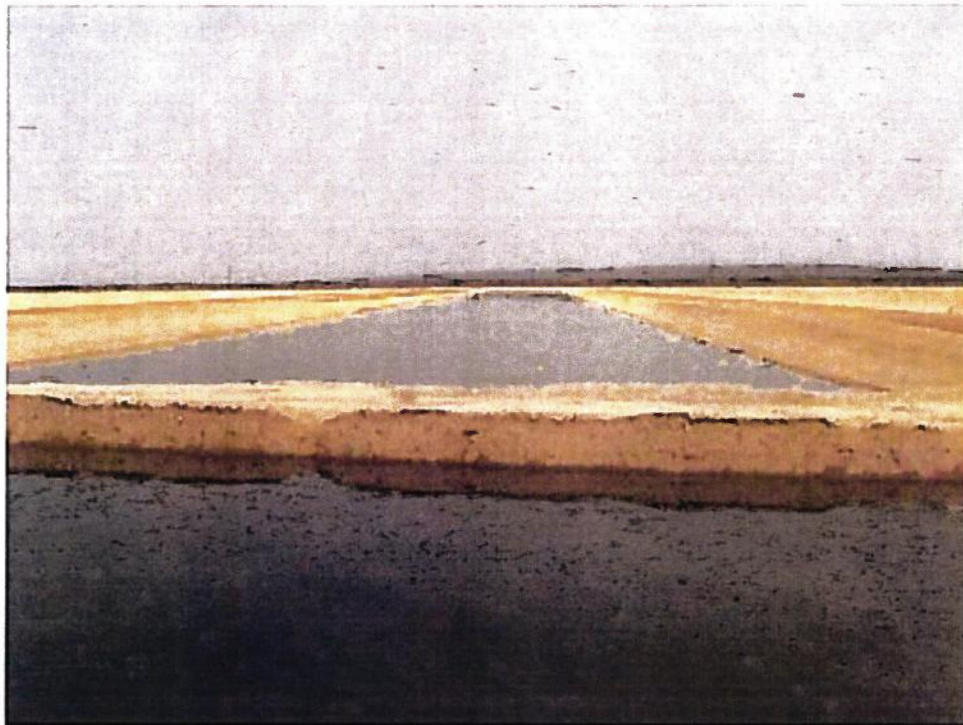


PHOTO 16: View of impoundment looking southeast.

**MCKITTRICK 1-3 FACILITY
11 APRIL 2003 INSPECTION
PHOTOS**



California Regional Water Quality Control Board

Central Valley Region

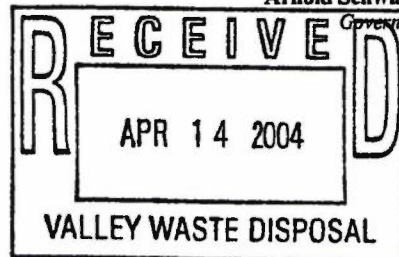
Robert Schneider, Chair



Terry Tamminen
Secretary for
Environmental
Protection

Fresno Branch Office
Internet Address: <http://www.swrcb.ca.gov/~rwqcb5>
1685 F Street, Fresno, California 93706-2020
Phone (559) 445-5116 ~ FAX (559) 445-5910

Arnold Schwarzenegger
Governor




13 April 2004


Mr. Larry Bright
Valley Waste Disposal Company
1400 Easton Drive, Suite 139-B
Bakersfield, CA 93309

INSPECTION REPORTS – VALLEY WASTE DISPOSAL FACILITIES – KERN COUNTY

Enclosed are copies of reports for eleven inspections conducted by Regional Board staff at your Midway Sunset and McKittrick facilities on 26 March 2004. **No violations of the waste discharge requirements were observed during the inspections.**

If you have any questions, please call Jim Dowdall of this office at (559) 445-5108.


JAMES K. DOWDALL
Associate Engineering Geologist
Registered Geologist #4830


SHELTON R. GRAY
Senior Engineering Geologist

JKD:c:\my document\vwde\26 Mar 04\cov ltr 04

cc: Mr. Steve McCalley, Kern County Environmental Health Department, Bakersfield
California Division of Oil, Gas & Geothermal Resources, Bakersfield

OFFICE NO 5F

INSPECTOR: DOWDALJ

FACILITIES INSPECTION
REPORT

SWRCB 001 (REV.5-81)

Program Type: SUB15

152013019

WDS NUMBER

Valley Waste Disposal Co

NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE

BELGIAN ANTICLINE, MCKITRK 1

NAME OF FACILITY

NPDES NUMBER

1400 EASTON DR, STE 139-B

AGENCY STREET

SEC19&24,T29S,R22&21E,MDB&M

FACILITY STREET

04 03 B1

(YY) (MM) (TYPE)
SCHEDULED INS. DATA

BAKERSFIELD, CA

93309-

AGENCY CITY AND STATE

KERN COUNTY

FACILITY CITY AND STAT

LARRY BRIGHT

AGENCY CONTACT PERSON

LARRY BRIGHT

ONSITE FACILITY CONTACT PERSON

040326

(YYMMDD)

(661) 322-5004

ACTUAL INS. DATE

AGENCY PHONE NO.

FACILITY PHONE NO.

S

Inspection agency (State = S, State / EPA Joint = J)

N

If this inspection is a Compliance inspection of an NPDES facility, send a copy of this report to SWRCB's Division of Water Quality, Program Support Unit

INSPECTION TYPE (Check One)

- A1 ☐ "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- B1 ☒ "B" type compliance -- A routine nonsampling inspection. (EPA Type C)
- 02 ☐ Noncompliance follow-up -- Inspection made to verify correction of previously identified violation.
- 03 ☐ Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.
- 04 ☐ Complaint -- Inspection made in response to a complaint.
- 5 ☐ Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 6 ☐ Miscellaneous -- Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g. -- biomonitoring, performance audit, diagnostic, etc.)

(Type)

N

Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

N

Was this a Quality Assurance-Based Inspection? (Y/N)

N

Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough

INSPECTION SUMMARY (REQUIRED) (100 character limit)

INSPECTED FACILITY FOR COMPLIANCE WITH WDRS ORDER NO. 69-199.

INSPECTOR'S DATA:

Staff ID DOWDALJ

SIGNATURE

James K Dowdall

DATE 7 April 2004

For Internal Use: Reviewed by: (1)

(2)

(3)

Reg. WDS Coordinator

WDS Data Entry Date:

Regional Board File Number:

Inspection ID:

3203

FACILITIES INSPECTION REPORT

SWRCB 001 (REV.5-91)

Page 2

VIOLATION (IF APPLICABLE)

VIOL (A-G): _____ (See pages IK05.0 and IK05.1 of the Micro Waste Discharger System Users Manual)

Date Violation Occurred (YYMMDD): _____

Date Violation Determined (YYMMDD): _____

DESCRIPTION (200 CHARACTER LIMIT):

EPA SUGGESTED INSPECTION CHECKLIST

(S= Satisfactory, M= Marginal, U= Unsatisfactory, N= Not Evaluated)

<u>S</u> Permit	<u>N</u> Flow Measurement	<u>N</u> Pretreatment	<u>S</u> Operations and Maintenance
<u>N</u> Records/Reports	<u>N</u> Laboratories	<u>N</u> Compliance Schedules	<u>N</u> Sludge Disposal
<u>S</u> Facility Site Review	<u>N</u> Eff./Receiving Waters	<u>N</u> Self-Monitoring	<u>N</u> Other

5 Overall Facility Operation Evaluation (5= Very reliable, 3= Satisfactory, 1= Unreliable)

HISTORICAL INFORMATION

MOST RECENT ORDERS

ORDER NO.	DATE ADOPTED	TYPE
69-19901	2/14/1969	WDR

MOST RECENT INSPECTIONS:

DATE	TYPE	VIOLATIONS?
4/27/2001	A1	
5/10/2002	B1	N
4/11/2003	B1	N
3/26/2004	B1	N

MOST RECENT VIOLATIONS:

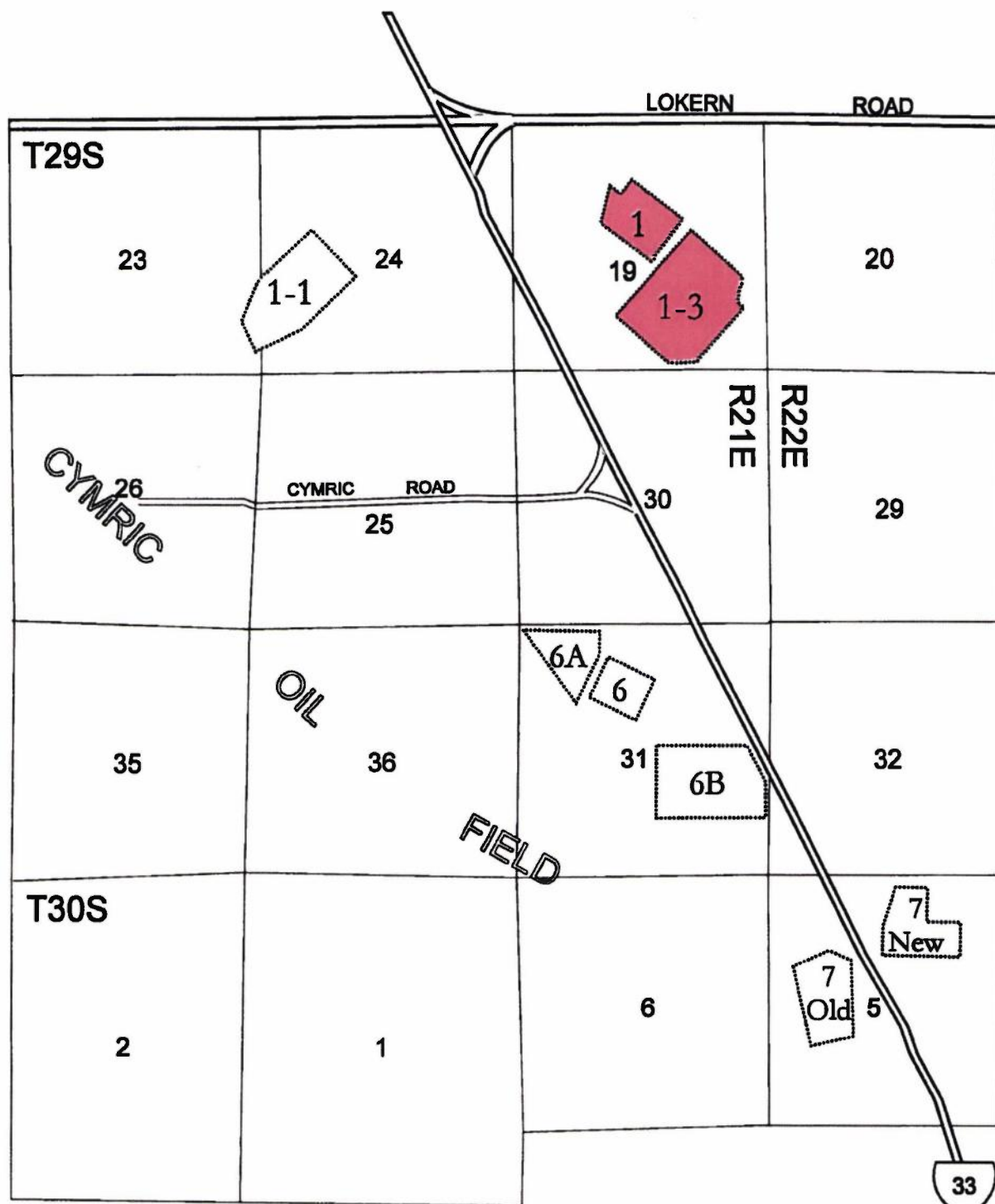
VIOL. TYPE	DATE
------------	------

ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, ITEMS FOR FOLLOWUP ON FUTURE INSPECTIONS, NOTES, ETC. (Attach additional pages, if necessary)

The purpose of the inspection was to determine if the facility was being operated in compliance with Waste Discharge Requirements Order No. 69-199. I was accompanied on the inspection by Larry Bright of Valley Waste Disposal Company. Both McKittrick and McKittrick 1-3 were inspected. The general location of the McKittrick 1 Facility is shown in Figure 1.

Approximately 45,000 barrels/day of produced oilfield wastewater is currently being disposed of at the facility. Six cleaning ponds and two impoundments were in use at McKittrick 1 (see Figure 2). Three cleaning ponds, a receiving pond, and sixteen impoundments were in use at McKittrick 1-3 (see Figure 3). A red algal bloom was observed in a portion of one impoundment (see Photo 15).

Digital photos were taken during the inspection and are included in the report. The operation of the facility appeared to be in compliance with the WDRs.



c:\my documents\wvdc\26 Mar 2004\Cymric Map 1

VALLEY WASTE DISPOSAL COMPANY

McKittrick 1 and 1-3 Facilities
Inspected 26 March 2004

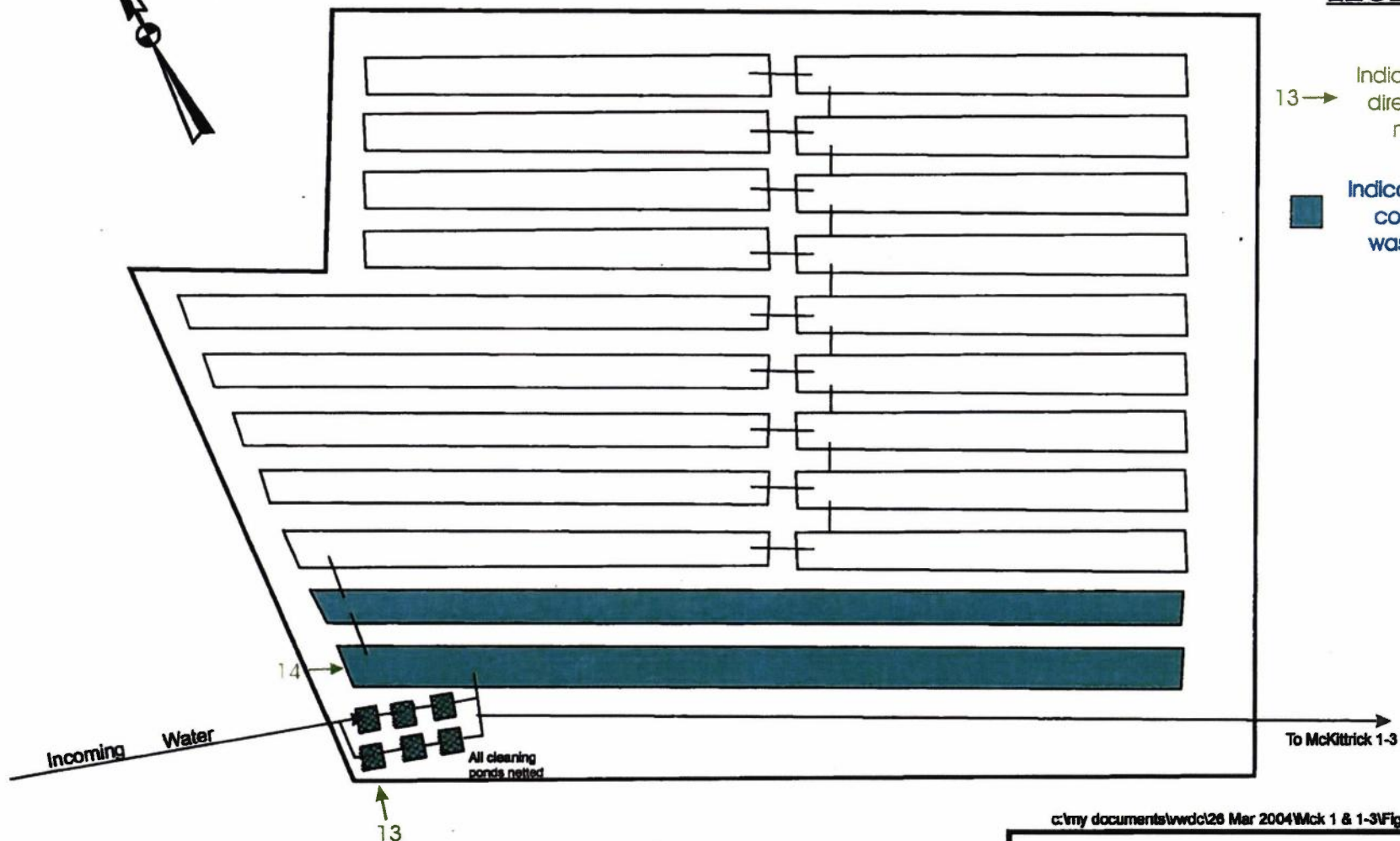
FIGURE 1.



LEGEND

13 → Indicates photo direction and number.

■ Indicates ponds containing wastewater.



c:\my documents\lwdd\26 Mar 2004\Wmck 1 & 1-3\Fig. 2

VALLEY WASTE DISPOSAL COMPANY
McKittrick 1 Facility
Kern County

Figure 2

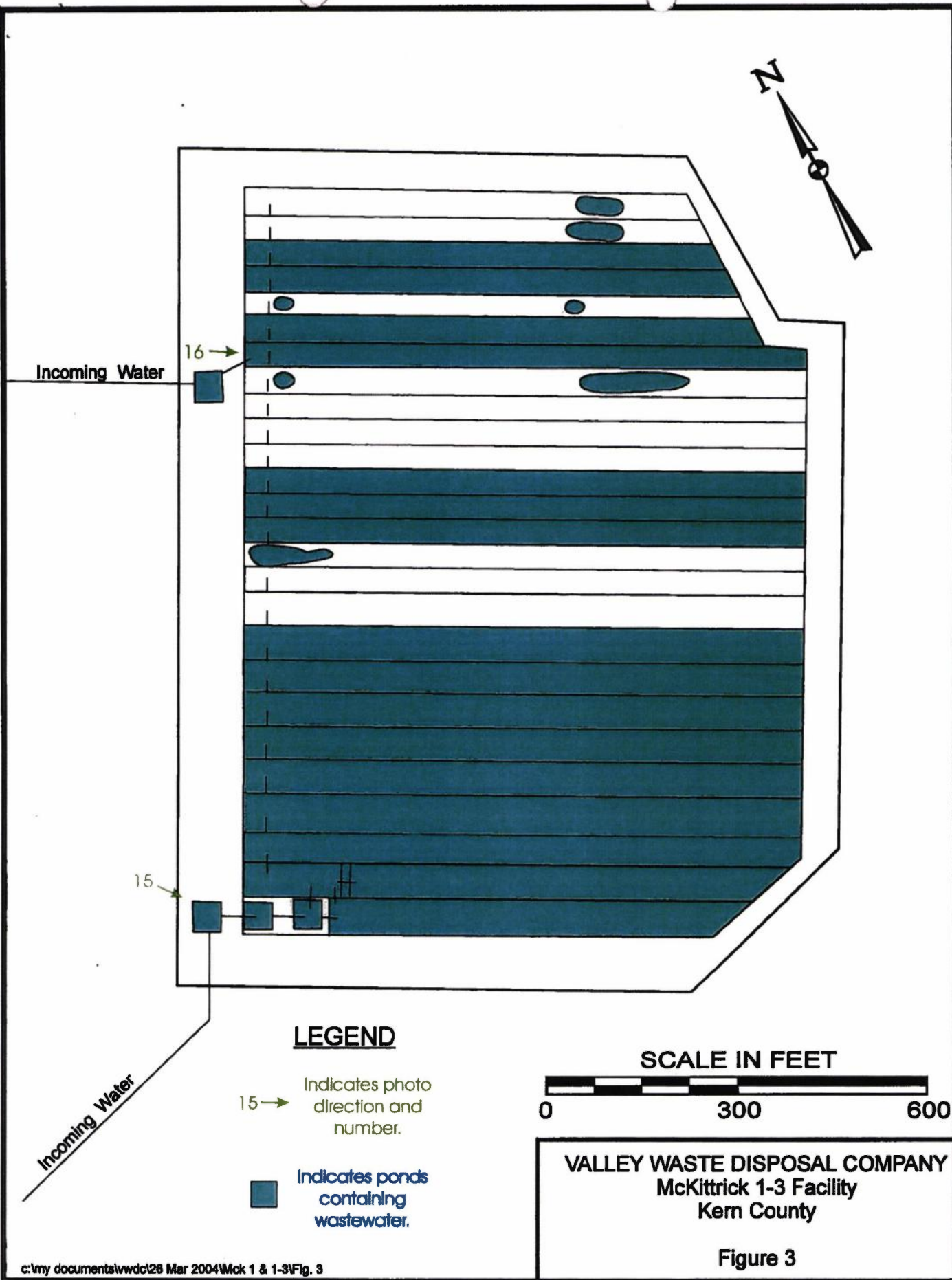




PHOTO 13: View of cleaning pond looking northeast.



PHOTO 14: View in first impoundment looking southeast.

**MCKITTRICK 1 FACILITY
26 MARCH 2004 INSPECTION
PHOTOS**



PHOTO 15: View of impoundment looking southeast.

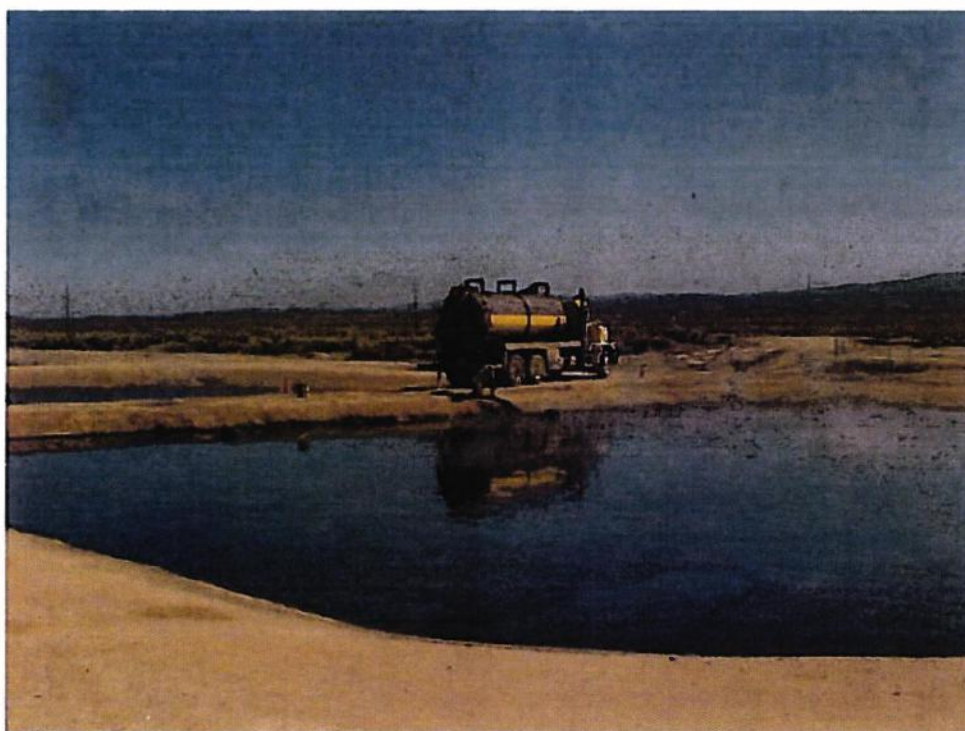


PHOTO 16: View of cleaning pond looking southeast.

**MCKITTRICK 1-3 FACILITY
26 MARCH 2004 INSPECTION
PHOTOS**



Alan C. Lloyd, Ph.D.
Secretary for
Environmental
Protection

California Regional Water Quality Control Board Central Valley Region

Robert Schneider, Chair

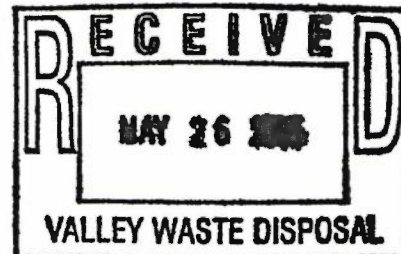


Arnold
Schwarzenegger
Governor

Fresno Branch Office
1685 E Street, Fresno, California 93706
(559) 445-5116 • Fax (559) 445-5910
<http://www.waterboards.ca.gov/centralvalley>

23 May 2005

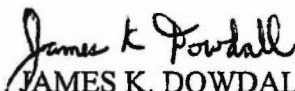
Mr. Larry Bright
Valley Waste Disposal Company
7500 Meany Ave.
Bakersfield, CA 93308




INSPECTION REPORTS – VALLEY WASTE DISPOSAL FACILITIES – KERN COUNTY

Enclosed are copies of reports for eleven inspections conducted by Regional Board staff at your Midway Sunset and McKittrick facilities on 13 May 2005. **No violations of the waste discharge requirements were observed during the inspections.**

If you have any questions, please call Jim Dowdall of this office at (559) 445-5108.


JAMES K. DOWDALL
Engineering Geologist
Professional Geologist #4830


SHELTON R. GRAY
Senior Engineering Geologist

JKD:r:\staff\dowdall\JKD\vwdc\13 May 2005\covltr

cc: Mr. Steve McCalley, Kern County Environmental Health Department, Bakersfield
California Division of Oil, Gas & Geothermal Resources, Bakersfield

OFFICE NO. 5FINSPECTOR: DOWDALJFACILITIES INSPECTION
REPORT

SWRCB 001 (REV. 5-01)

Program Type: SUB15

D152013019 WDS NUMBER	Valley Waste Disposal Co NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE	BELGIAN ANTICLINE, MCKITRK 1 NAME OF FACILITY
	7500 Meany Ave. AGENCY STREET	SEC19&24,T29S,R22&21E,MDB&M FACILITY STREET
NPDES NUMBER 05 05 B1 (YY)(MM) (TYPE) SCHEDULED INS. DATA	BAKERSFIELD,CA AGENCY CITY AND STATE	KERN COUNTY FACILITY CITY AND STATE
	LARRY BRIGHT AGENCY CONTACT PERSON	LARRY BRIGHT ONSITE FACILITY CONTACT PERSON
050513 (YYMMDD) ACTUAL INS. DATE	(661) 410-7500 AGENCY PHONE NO.	 FACILITY PHONE NO.

S Inspection agency (State = S, State / EPA Joint = J)**N** If this inspection is a Compliance Inspection of an NPDES facility, send a copy of this report to SWRCB's Division of Water Quality, Program Support Unit

INSPECTION TYPE (Check One)

- A1 ☐ "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- B1 ☒ "B" type compliance -- A routine nonsampling inspection. (EPA Type C)
- 02 ☐ Noncompliance follow-up -- Inspection made to verify correction of previously identified violation.
- 03 ☐ Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.
- 04 ☐ Complaint -- Inspection made in response to a complaint
- 05 ☐ Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 ☐ Miscellaneous -- Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g. -- biomonitoring, performance audit, diagnostic, etc.)

(Type)

- N** Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)
- N** Was this a Quality Assurance-Based Inspection? (Y/N)
- N** Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough

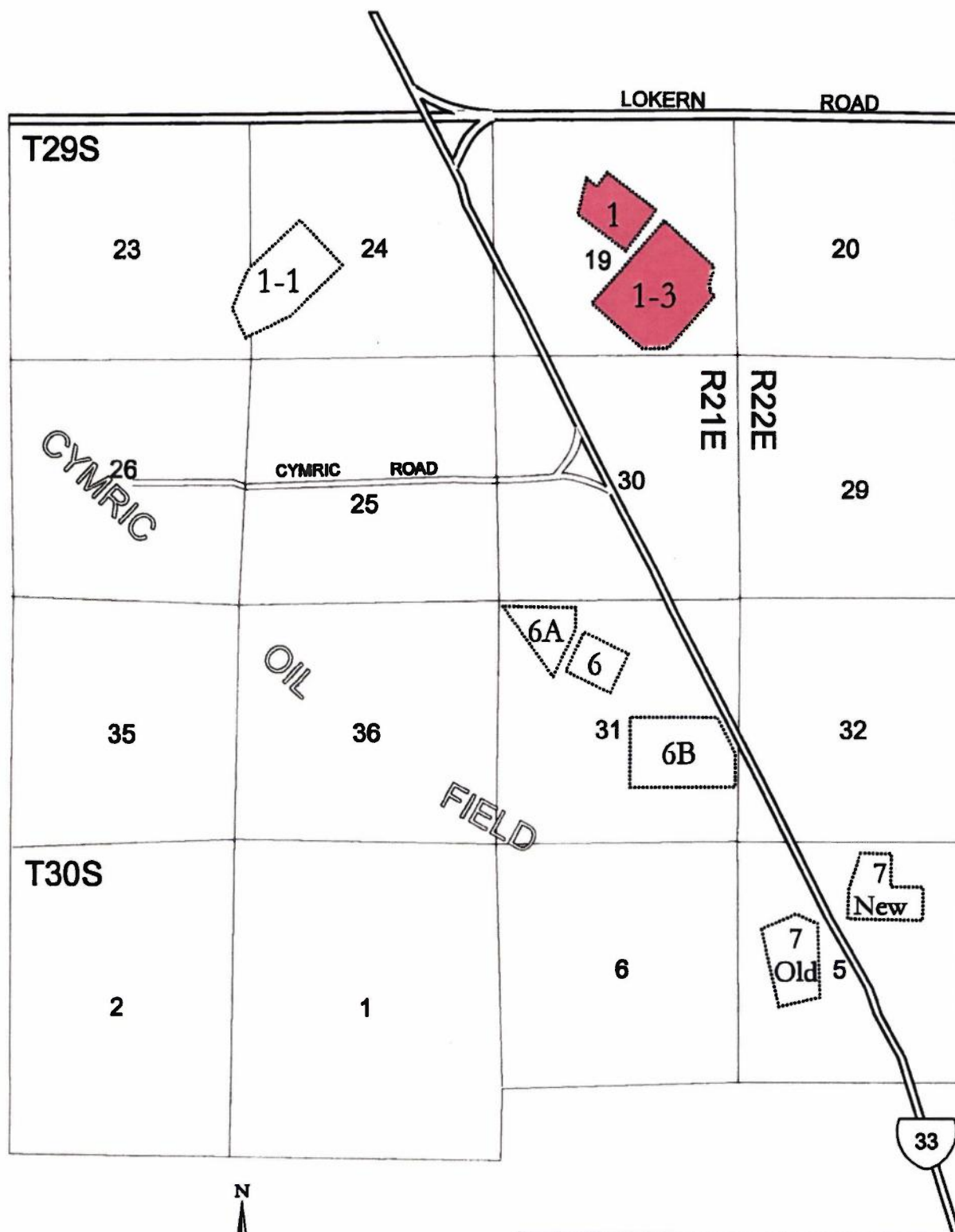
INSPECTION SUMMARY (REQUIRED) (100 character limit)

INSPECTED FACILITY FOR COMPLIANCE WITH WDRS ORDER NO. 69-199.

INSPECTOR'S DATA:

Staff ID DOWDALJ SIGNATURE James K Dowdall DATE 24 May 2005For Internal Use: Reviewed by: (1) 802 (2) _____ (3) _____ Reg. WDS Coordinator

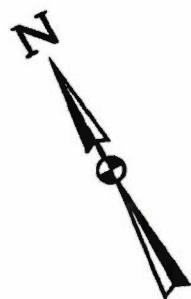
WDS Data Entry Date: _____ Regional Board File Number: _____ Inspection ID _____ 3518



VALLEY WASTE DISPOSAL COMPANY

McKittrick 1 and 1-3 Facilities
Inspected 13 May 2005

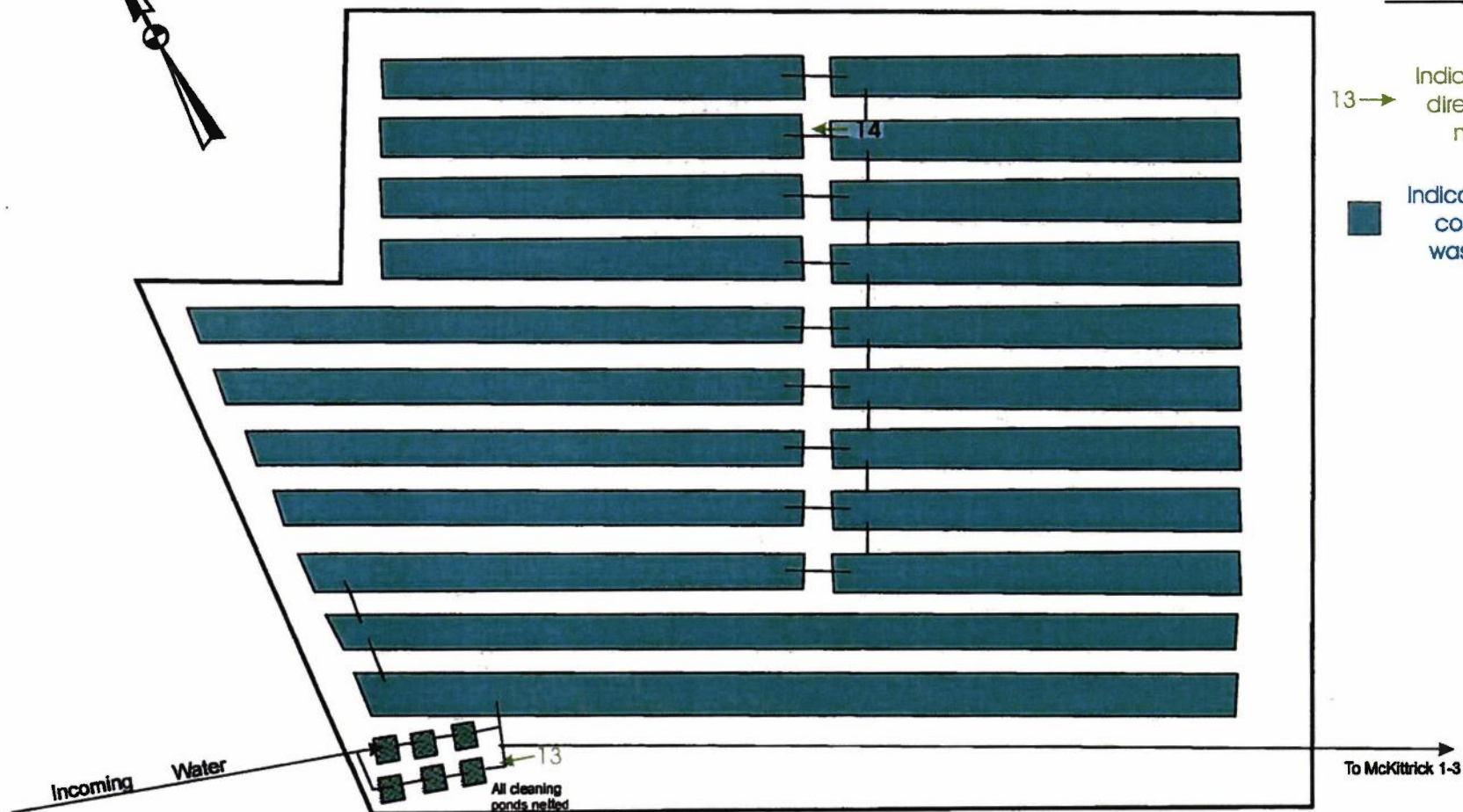
FIGURE 1.



LEGEND

13 → Indicates photo direction and number.

■ Indicates ponds containing wastewater.



SCALE IN FEET

0 300 600

r:\staff\downal\JKD\lwwdc\13 May 2005\Mck 1 & 1-3\Fig. 2

VALLEY WASTE DISPOSAL COMPANY
McKittrick 1 Facility
Kern County

Figure 2

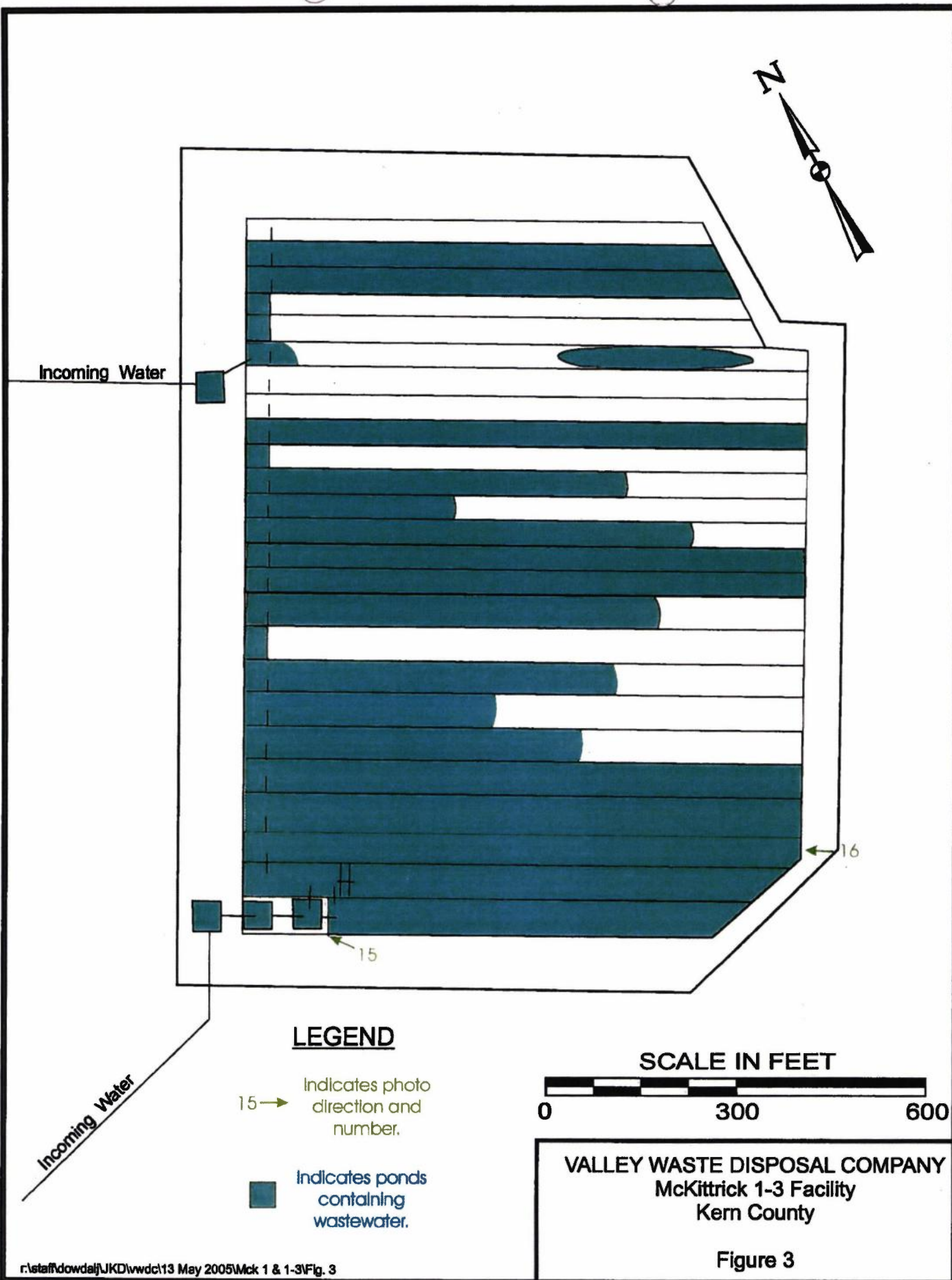




PHOTO 13: View of cleaning pond looking west.



PHOTO 14: View of impoundment looking northwest.

**MCKITTRICK 1 FACILITY
13 May 2005 INSPECTION
PHOTOS**

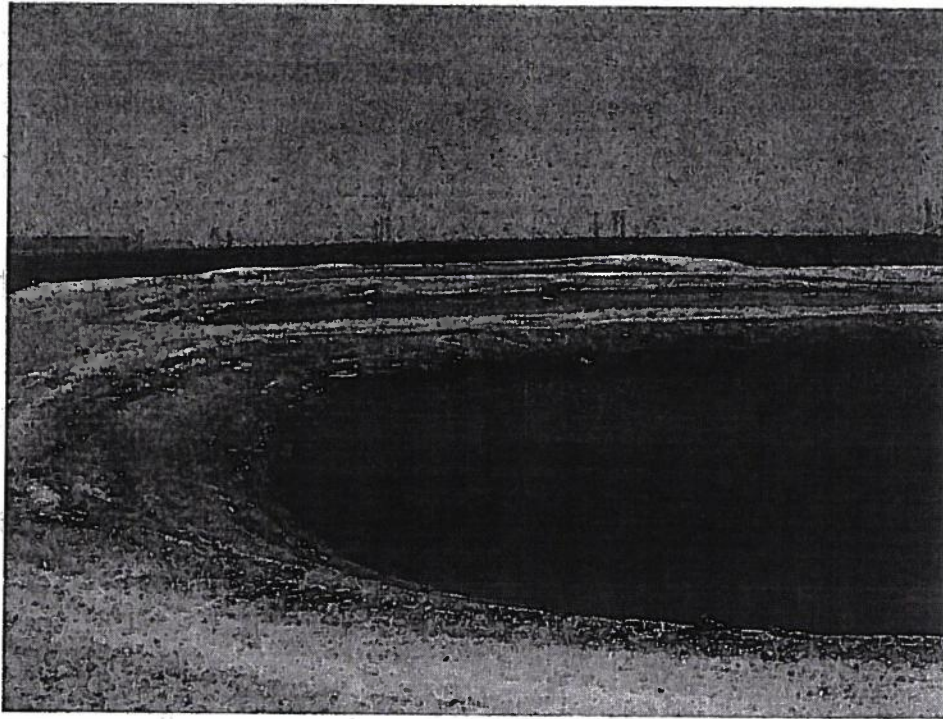


PHOTO 15: View of cleaning ponds looking northwest.

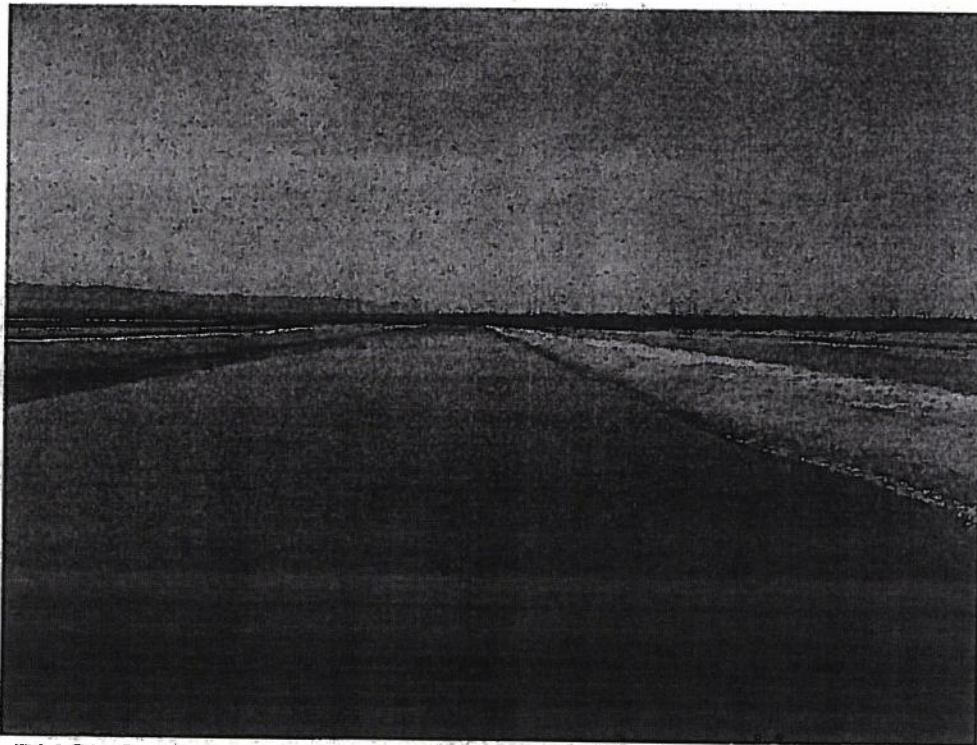


PHOTO 16: View of third impoundment looking northwest.

MCKITTRICK 1-3 FACILITY
13 May 2005 INSPECTION
PHOTOS



Dan Skopec
Acting Secretary

California Regional Water Quality Control Board Central Valley Region

Robert Schneider, Chair



Arnold
Schwarzenegger
Governor

Fresno Branch Office
1685 E Street, Fresno, California 93706
(559) 445-5116 • Fax (559) 445-5910
<http://www.waterboards.ca.gov/centralvalley>

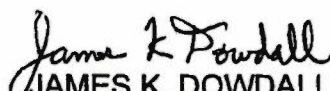
1 May 2006

Mr. Larry Bright
Valley Waste Disposal Company
7500 Meany Ave.
Bakersfield, CA 93308

INSPECTION REPORTS – VALLEY WASTE DISPOSAL FACILITIES – KERN COUNTY

Enclosed are copies of reports for ten inspections conducted by Regional Board staff at your Midway Sunset and McKittrick facilities on 21 April 2006. **No violations of the waste discharge requirements were observed during the inspections.**

If you have any questions, please call Jim Dowdall of this office at (559) 445-5108.

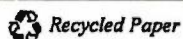

JAMES K. DOWDALL
Engineering Geologist
Professional Geologist #4830


SHELTON R. GRAY
Senior Engineering Geologist

JKD:desktop\vwdc\21 April 2006\covltr

cc: Mr. Steve McCalley, Kern County Environmental Health Department, Bakersfield
California Division of Oil, Gas & Geothermal Resources, Bakersfield

California Environmental Protection Agency



OFFICE NO: 5F**FACILITIES INSPECTION
REPORT**2006INSPECTOR: DOWDALJ

SWCRB 001 (REV. 5-91)

Program Type: SUB15

5D152013019

WDS NUMBER

Valley Waste Disposal Co

NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE

BELGIAN ANTICLINE, MCKITRK 1

NAME OF FACILITY

NPDES NUMBER

7500 Meany Ave.

AGENCY STREET

SEC 10,T29S,R22E,MDB&M

FACILITY STREET

06 04 B1

(YY)(MM)

(TYPE)

BAKERSFIELD,CA

AGENCY CITY AND STATE

93308-

KERN COUNTY

FACILITY CITY AND STATE

SCHEDULED INS. DATA

060421

(YYMMDD)

LARRY BRIGHT

AGENCY CONTACT PERSON

LARRY BRIGHT

ONSITE FACILITY CONTACT PERSON

ACTUAL INS. DATE

S

Inspection agency (State = S, State / EPA Joint = J)

N

If this a Compliance Inspection of an NPDES facility, send a copy of this report to SWCRB's Division of Water Quality Program Support Unit.

FACILITY PHONE NO.

INSPECTION TYPE (Check One)

- AI ☐ "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- BI ☒ "B" type compliance -- A routine nonsampling inspection. (EPA type C)
- 02 ☐ Noncompliance follow-up -- Inspection made to verify correction of a previously identified violation.
- 03 ☐ Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.
- 04 ☐ Complaint -- Inspection made in response to a complaint.
- 05 ☐ Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 ☐ Miscellaneous -- Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g.--biomonitoring, performance audit, diagnostic, etc.)

(Type)

N

Were violations noted during this inspection? (Yes/No/Pending Sample Results)

N

Was this a Quality Assurance-Based Inspection? (Y/N)

N

Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)**INSPECTED FACILITY FOR COMPLIANCE WITH THE WDRS ORDER NO. 69-199.**

INSPECTOR'S DATA:

INITIALS DOWDALJ

SIGNATURE

James K Dowdall

DATE

27 April 2006For Internal Use: Reviewed by: (1) SRG

(2)

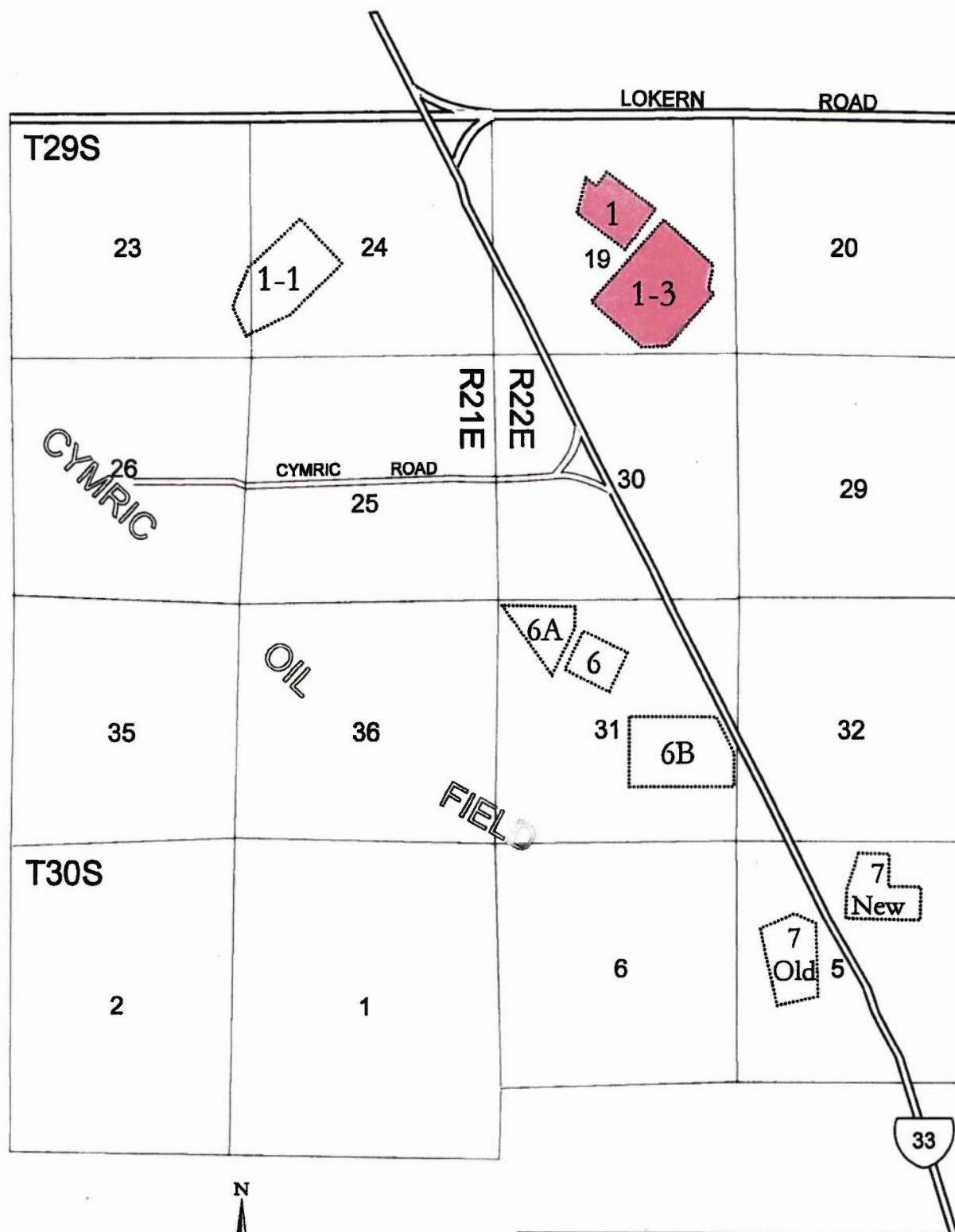
(3)

Reg. WDS Coordinator

WDS Data Entry Date:

Regional Board File Number:

Inspection ID:



VALLEY WASTE DISPOSAL COMPANY

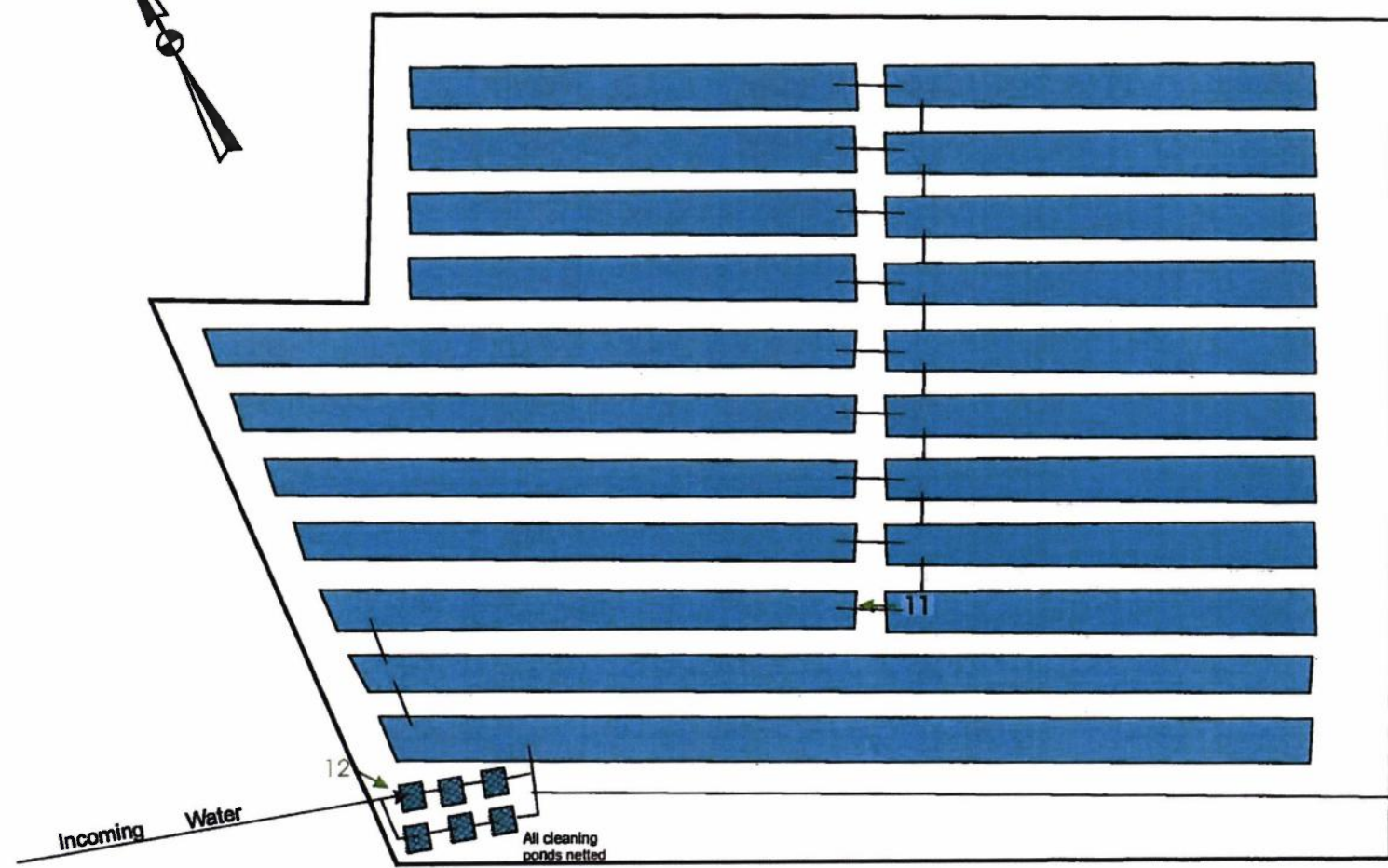
McKittrick Facilities (McKittrick 6 Facility
Inspected 21 April 2006)

FIGURE 1.



LEGEND

- 11 → Indicates photo direction and number.
- Indicates ponds containing wastewater.



desktop\wwdc\21 April 2008\Mck 1 & 1-3\Fig. 2

VALLEY WASTE DISPOSAL COMPANY
McKittrick 1 Facility
Kern County

Figure 2

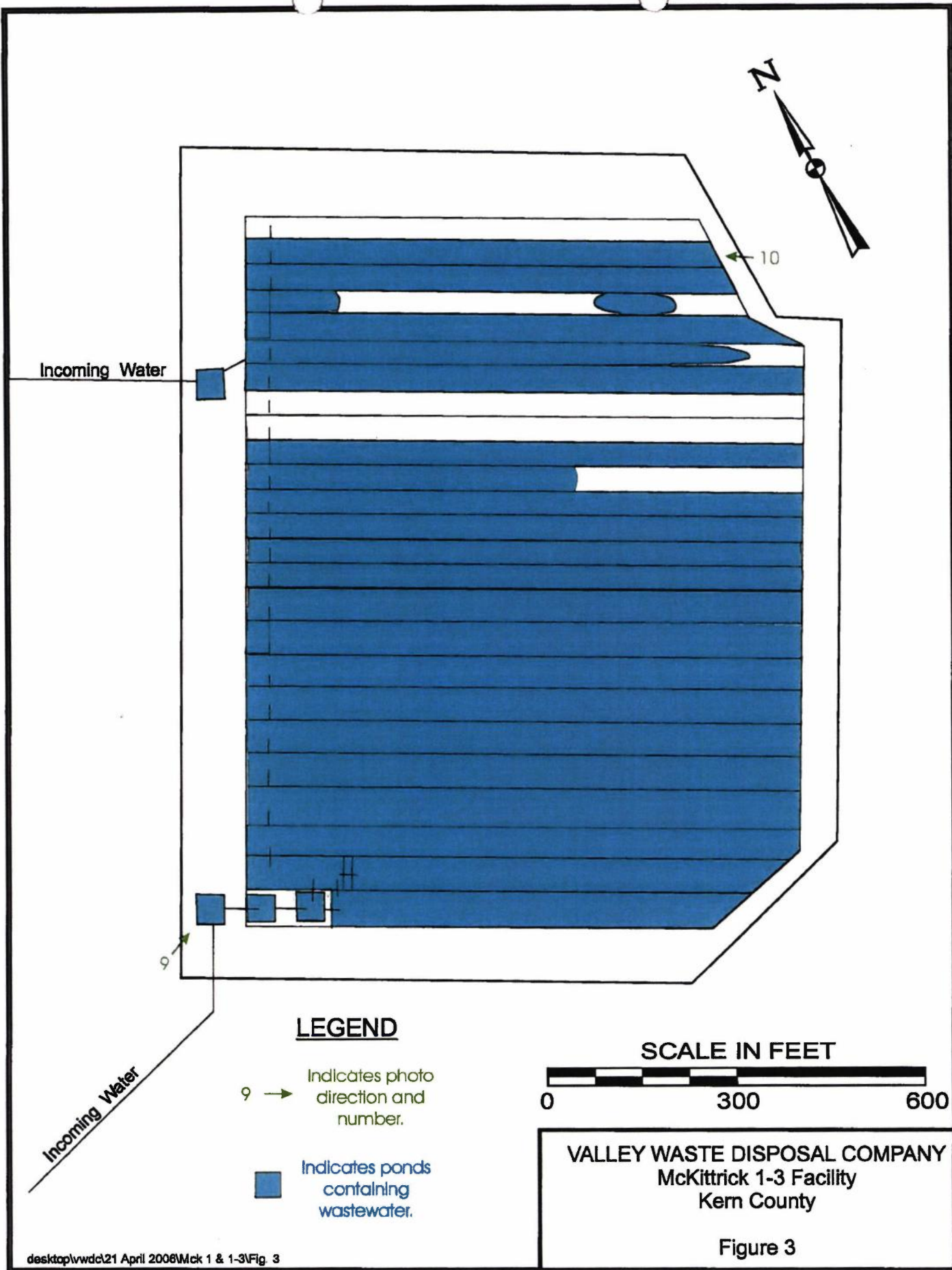




PHOTO 9: View of first cleaning pond looking northeast.



PHOTO 10: View of second to last impoundment (No. 24) looking northwest.



PHOTO 11: View of impoundment looking northwest.

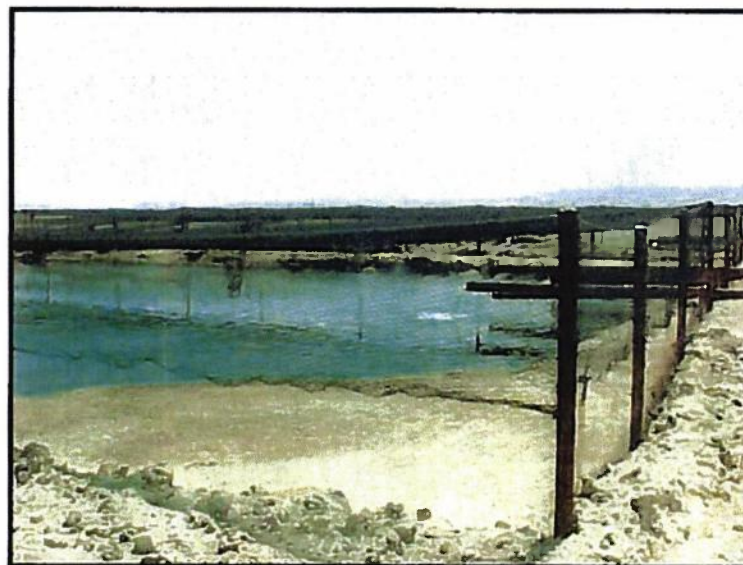


PHOTO 12: View of cleaning pond looking southeast.

**California Regional Water Quality Control Board
Central Valley Region**

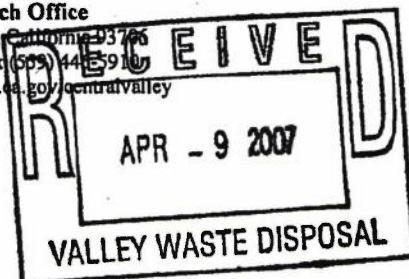
Karl E. Longley, ScD, PE, Chair

Linda S. Adams
Secretary for
Environmental
Protection



Arnold
Schwarzenegger
Governor

Fresno Branch Office
1685 E Street, Fresno, California 93706
(559) 445-5116 • Fax (559) 445-5910
<http://www.waterboards.ca.gov/centralvalley>



5 April 2007

Mr. Larry Bright
Valley Waste Disposal Company
7500 Meany Ave.
Bakersfield, CA 93308

INSPECTION REPORTS – VALLEY WASTE DISPOSAL FACILITIES – KERN COUNTY

Enclosed are copies of reports for eleven inspections conducted by Regional Water Board staff at your Midway Sunset and McKittrick facilities on 30 March 2007. No violations of the waste discharge requirements were observed during the inspections.

Two small holes in the netting at Cleaning Pond CP-2 at the Southeast Taft Old Facility should be repaired. You indicated in a 3 April 2007 phone conversation that the netting and gap at the cleaning pond on the McKittrick 1 Facility is scheduled for repair this summer. Please notify Regional Water Board staff when the repairs have been completed.

It was also noticed during the inspection that some impoundments had very little freeboard. All efforts should be made, including increasing the frequency of field inspections, to ensure that the impoundments are not overtopped.

Oil was observed being discharged with wastewater to the initial cleaning pond at the Buena Vista No. 2 Facility. Oil operators should be notified in a timely manner in order to minimize any discharges of oil to un-netted cleaning ponds. Several vacuum trucks were seen during the inspection skimming various amounts of oil from cleaning ponds.

If you have any questions, please call Jim Dowdall of this office at (559) 445-5108.

James K. Dowdall
JAMES K. DOWDALL
Engineering Geologist
Professional Geologist #4830

Shelton R. Gray
SHELTON R. GRAY
Senior Engineering Geologist

JKD:desktop\30 Mar 07\covltr 1

cc: Kern County Environmental Health Department, Bakersfield
California Division of Oil, Gas & Geothermal Resources, Bakersfield

California Environmental Protection Agency

OFFICE NO: 5F**FACILITIES INSPECTION
REPORT**INSPECTOR: DOWDALJ

SWROB 001 (REV. 5-91)

Program Type: SUB15**5D152013019**

WDS NUMBER

Valley Waste Disposal Co

NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE

7500 Meany Ave.

AGENCY STREET

BELGIAN ANTICLINE, MCKITRK 1

NAME OF FACILITY

SEC 19,T29S,R22E,MDB&M

FACILITY STREET

NPDES NUMBER

07 03 B1

(YY)(MM)

(TYPE)

BAKERSFIELD,CA

AGENCY CITY AND STATE

93308-**KERN COUNTY**

FACILITY CITY AND STATE

SCHEDULED INS. DATA

070330

(YYMMDD)

LARRY BRIGHT

AGENCY CONTACT PERSON

LARRY BRIGHT

ONSITE FACILITY CONTACT PERSON

ACTUAL INS. DATE

S

Inspection agency (State = S, State / EPA Joint = J)

N

If this is a Compliance Inspection of an NPDES facility, send a copy of this report to SWCRB's Division of Water Quality Program Support Unit.

AGENCY PHONE NO.

(661) 410-7500

FACILITY PHONE NO.

INSPECTION TYPE (Check One)

- AI ☐ "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- BI ☒ "B" type compliance -- A routine nonsampling inspection. (EPA type C)
- 02 ☐ Noncompliance follow-up -- Inspection made to verify correction of a previously identified violation.
- 03 ☐ Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.
- 04 ☐ Complaint -- Inspection made in response to a complaint.
- 05 ☐ Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 ☐ Miscellaneous -- Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g.--biomonitoring, performance audit, diagnostic, etc.)

(Type)

N

Were violations noted during this inspection? (Yes/No/Pending Sample Results)

N

Was this a Quality Assurance-Based Inspection? (Y/N)

N

Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)**INSPECTED FACILITY FOR COMPLIANCE WITH THE WDRS ORDER NO. 69-199.**

INSPECTOR'S DATA:

INITIALS DOWDALJ

SIGNATURE

James K Dardall

DATE

2 April 2007

For Internal Use: Reviewed by: (1)

SRG

(2)

[Signature]

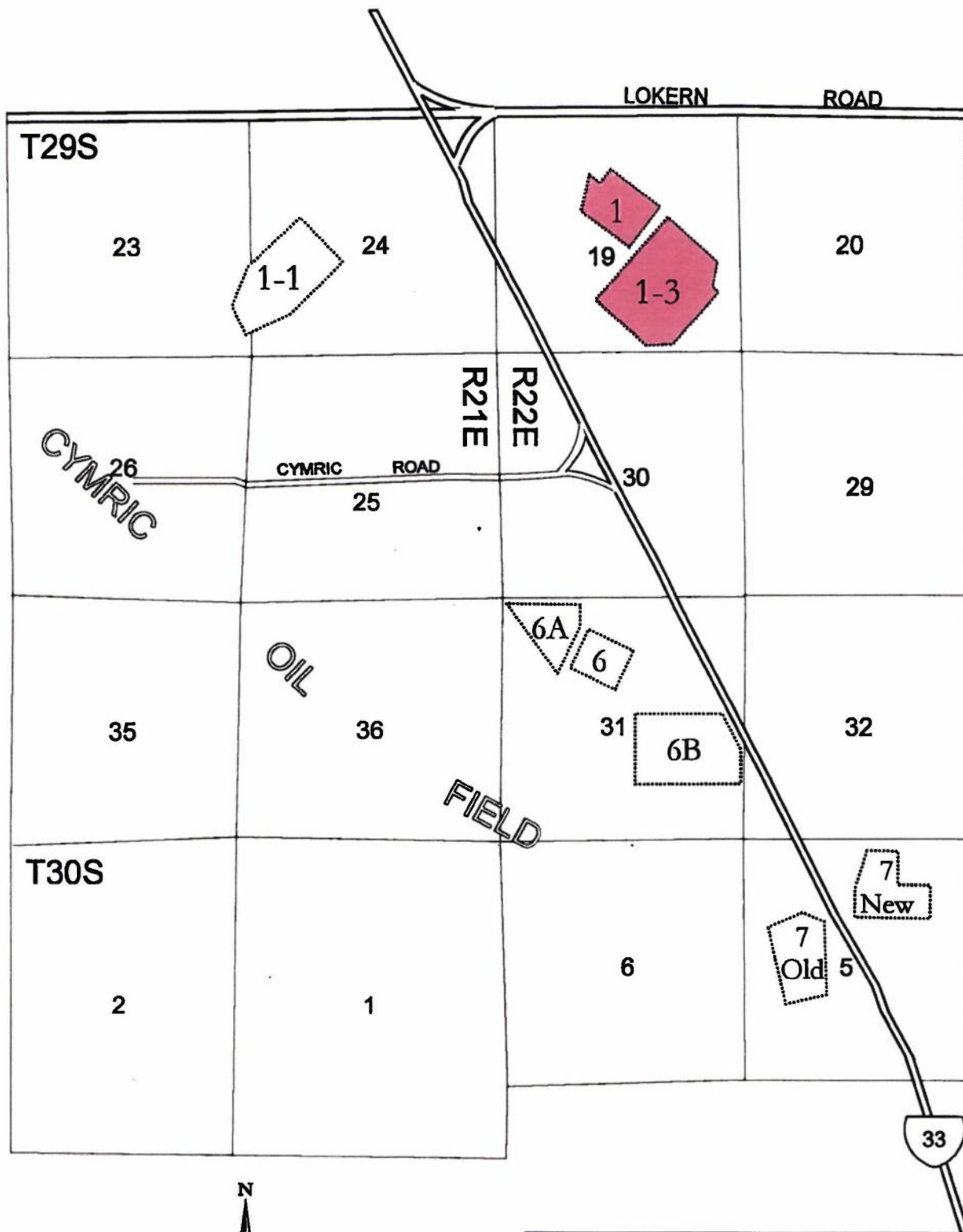
(3)

Reg. WDS Coordinator

WDS Data Entry Date:

Regional Board File Number:

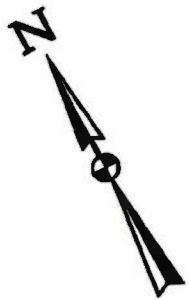
Inspection ID:



VALLEY WASTE DISPOSAL COMPANY

McKittrick Facilities (McKittrick 6 Facility
Inspected 30 March 2007)

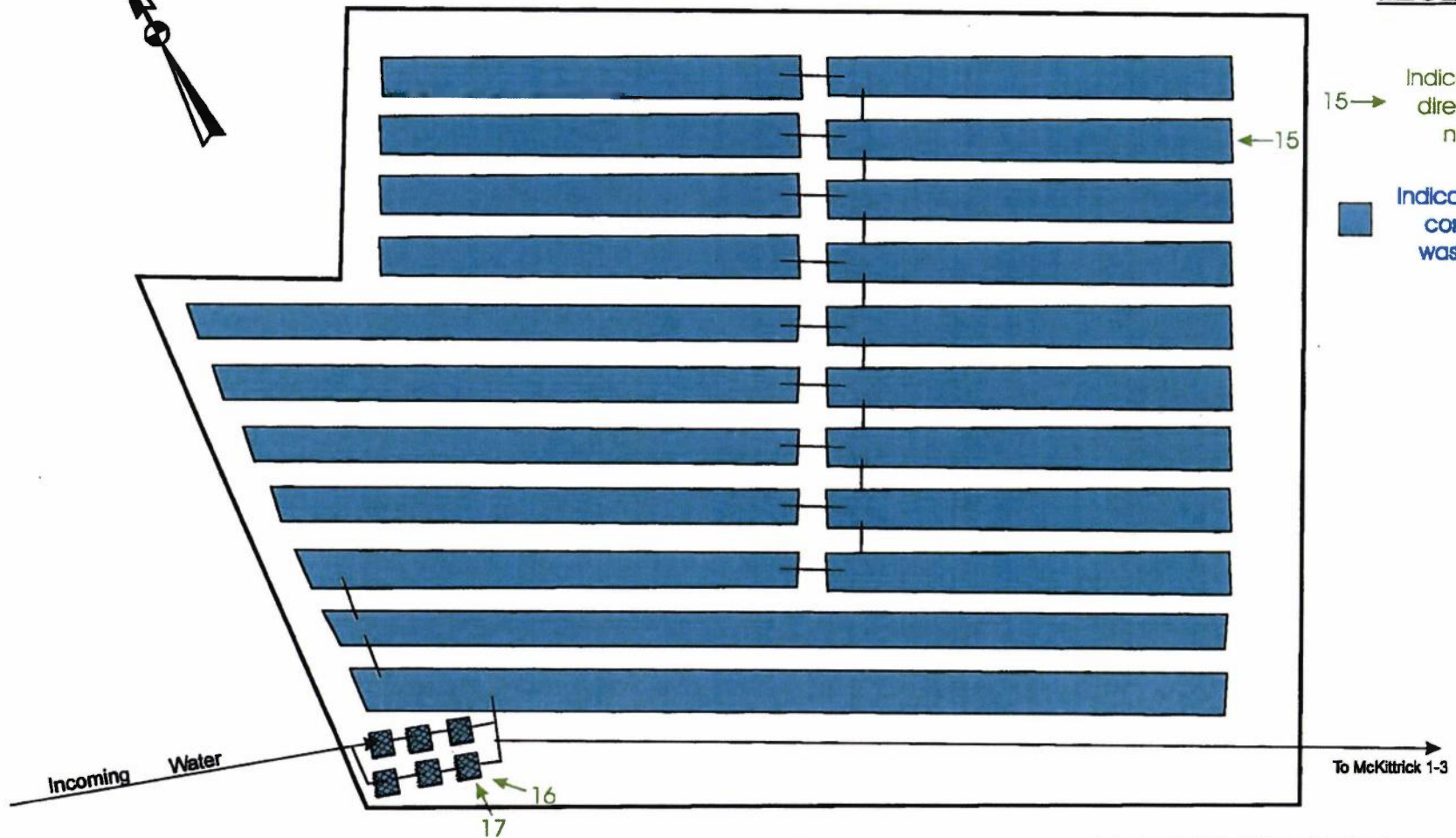
FIGURE 1.



LEGEND

15 → Indicates photo direction and number.

■ Indicates ponds containing wastewater.



SCALE IN FEET

0 300 600

desktop\wdd\30 Mar 07\Wck 1 & 1-3\Fig. 2

VALLEY WASTE DISPOSAL COMPANY
McKittrick 1 Facility
Kern County

Figure 2

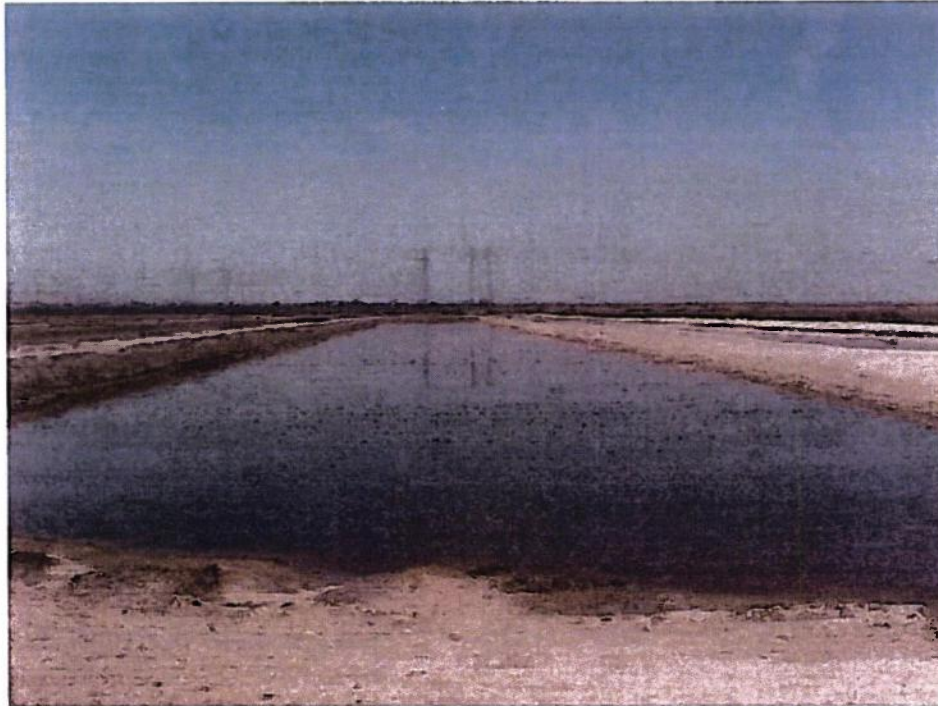
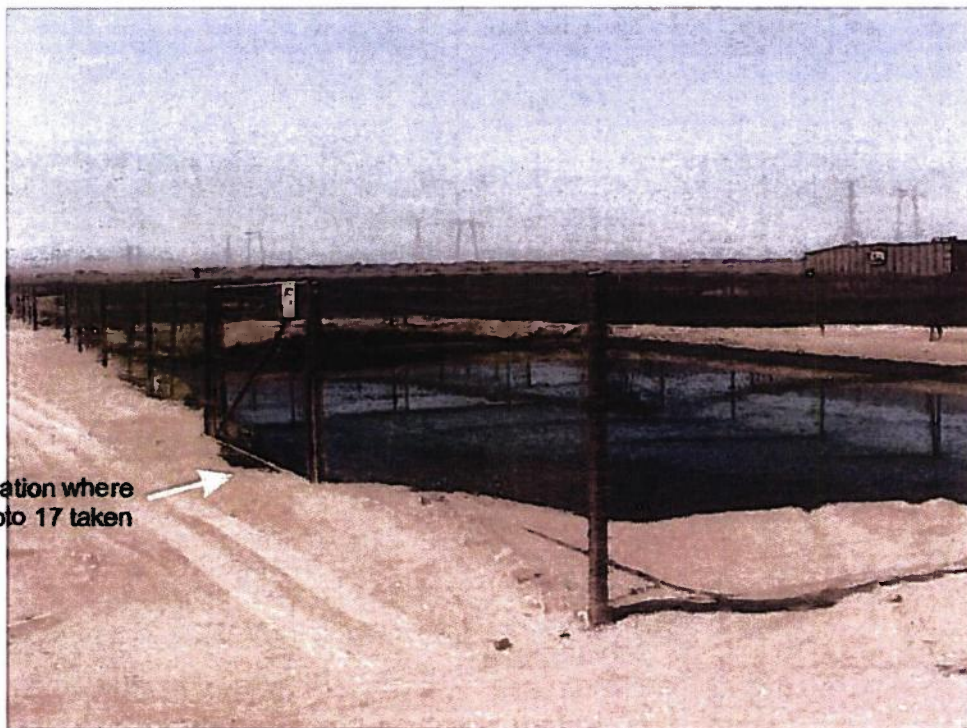


PHOTO 15: View of second to last impoundment looking northwest.



Location where
Photo 17 taken

PHOTO 16: View of cleaning pond looking northwest.

**MCKITTRICK 1 FACILITY
30 March 2007 INSPECTION
PHOTOS**



MCKITTRICK 1 FACILITY
30 March 2007 INSPECTION
PHOTO 17

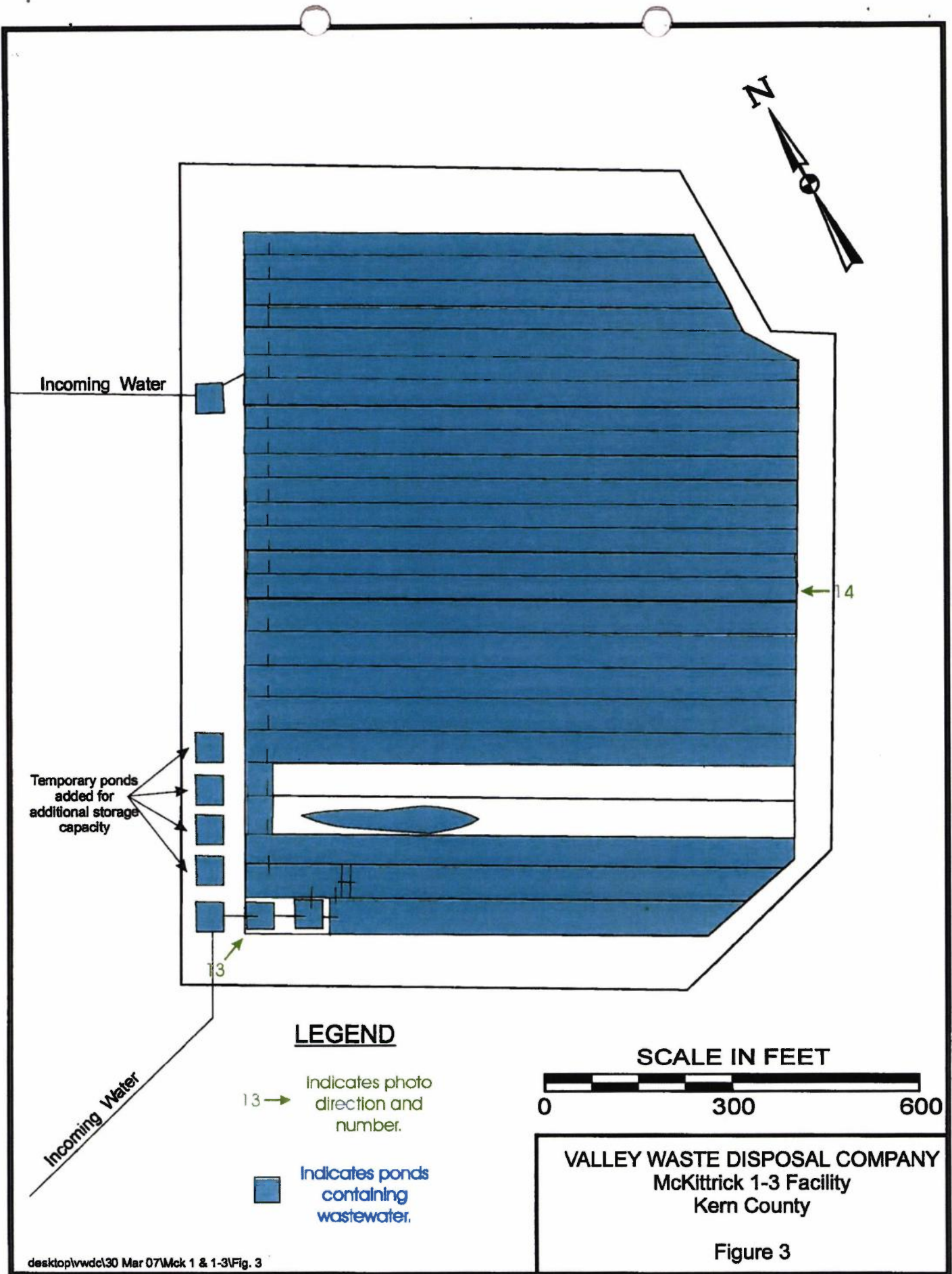




PHOTO 13: View of second cleaning pond looking east.

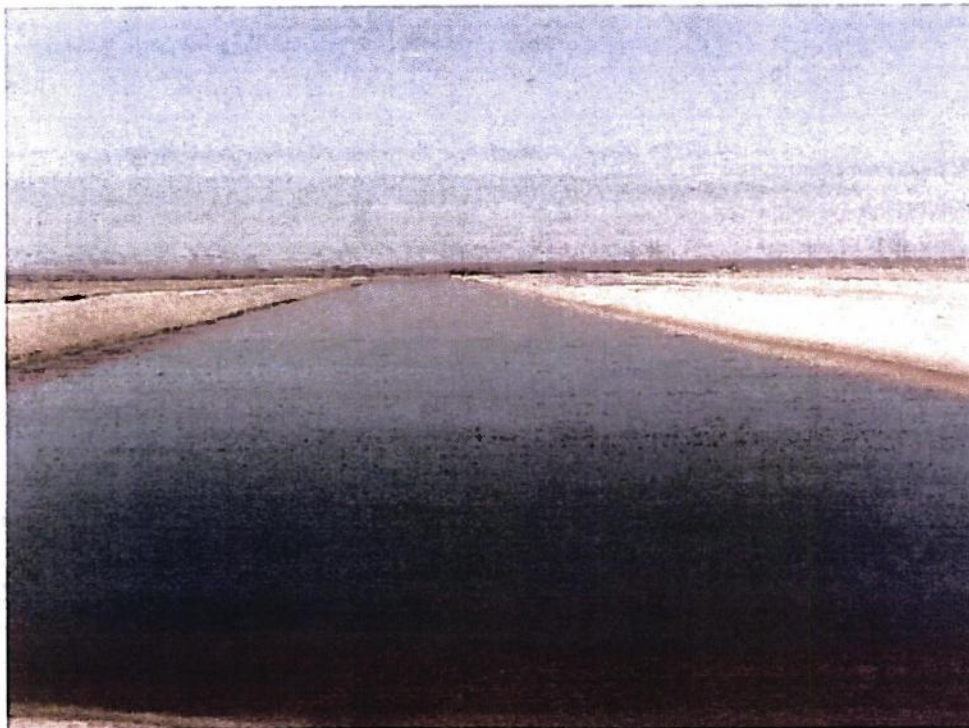


PHOTO 14: View of eleventh impoundment looking northwest.

**MCKITTRICK 1-3 FACILITY
30 March 2007 INSPECTION
PHOTOS**



Linda S. Adams
Secretary for
Environmental
Protection

California Regional Water Quality Control Board Central Valley Region

Karl E. Longley, ScD, PE, Chair

Fresno Branch Office
1685 E Street, Fresno, California 93706
(559) 445-5116 • Fax (559) 445-5910
<http://www.waterboards.ca.gov/centralvalley>



Arnold
Schwarzenegger
Governor

17 April 2008


Mr. Larry Bright
Valley Waste Disposal Company
7500 Meany Ave.
Bakersfield, CA 93308


INSPECTION REPORTS – VALLEY WASTE DISPOSAL FACILITIES – KERN COUNTY

Enclosed are eleven inspection reports describing the inspections conducted on 11 April 2008 by Regional Water Board staff at your Midway Sunset and McKittrick facilities. **No violations of the waste discharge requirements were observed during the inspections.**

Please notify us when the new netting has been installed at the McKittrick 1 Facility cleaning ponds. Also, you need to continue to ensure the timely removal of oil from any cleaning ponds that are not netted and from the impoundments. This appeared to be the case as Board staff observed the number of vacuum trucks operating during the inspections, noting only minor amounts of oil near the edge of a few cleaning ponds and impoundments.

If you have any questions, please call Jim Dowdall of this office at (559) 445-5108.


JAMES K. DOWDALL
Engineering Geologist
Professional Geologist #4830


SHELTON R. GRAY
Senior Engineering Geologist

JKD:desktop\11 Apr 08\covltr 1

Enclosures

cc: Kern County Environmental Health Department, Bakersfield
California Division of Oil, Gas & Geothermal Resources, Bakersfield

California Environmental Protection Agency

OFFICE NO: 5FFACILITIES INSPECTION
REPORT

2008

INSPECTOR: DOWDALJ

SWRCB 001 (REV. 5-91)

Program Type: SUB15

5D152013019

WDS NUMBER

Valley Waste Disposal Co

NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE

BELGIAN ANTICLINE, MCKITRK 1

NAME OF FACILITY

NPDES NUMBER

7500 Meany Ave.

AGENCY STREET

SEC 19,T29S,R22E,MDB&M

FACILITY STREET

08 04 B1

(YY)(MM)

(TYPE)

BAKERSFIELD,CA

AGENCY CITY AND STATE

93308-

KERN COUNTY

FACILITY CITY AND STATE

SCHEDULED INS. DATA

LARRY BRIGHT

AGENCY CONTACT PERSON

LARRY BRIGHT

ONSITE FACILITY CONTACT PERSON

080411

(YYMMDD)

ACTUAL INS. DATE

(661) 410-7500

AGENCY PHONE NO.

FACILITY PHONE NO.

S

Inspection agency (State = S, State / EPA Joint = J)

N

If this a Compliance Inspection of an NPDES facility, send a copy of this report to SWCRB's Division of Water Quality Program Support Unit.

INSPECTION TYPE (Check One)

- AI ☐ "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- BI ☒ "B" type compliance -- A routine nonsampling inspection. (EPA type C)
- 02 ☐ Noncompliance follow-up -- Inspection made to verify correction of a previously identified violation.
- 03 ☐ Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.
- 04 ☐ Complaint -- Inspection made in response to a complaint.
- 05 ☐ Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 ☐ Miscellaneous -- Any inspection type not mentioned above.
- If this is an EPA inspection not mentioned above, please note type.
(e.g.--biomonitoring, performance audit, diagnostic, etc.)
- (Type) _____

N

Were violations noted during this inspection? (Yes/No/Pending Sample Results)

N

Was this a Quality Assurance-Based Inspection? (Y/N)

N

Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

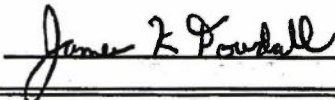
INSPECTION SUMMARY (REQUIRED) (100 character limit)

INSPECTED FACILITY FOR COMPLIANCE WITH THE WDRS ORDER NO. 69-199.

INSPECTOR'S DATA:

INITIALS DOWDALJ

SIGNATURE



DATE

16 April 2008

For Internal Use: Reviewed by: (1) SRF

(2) _____

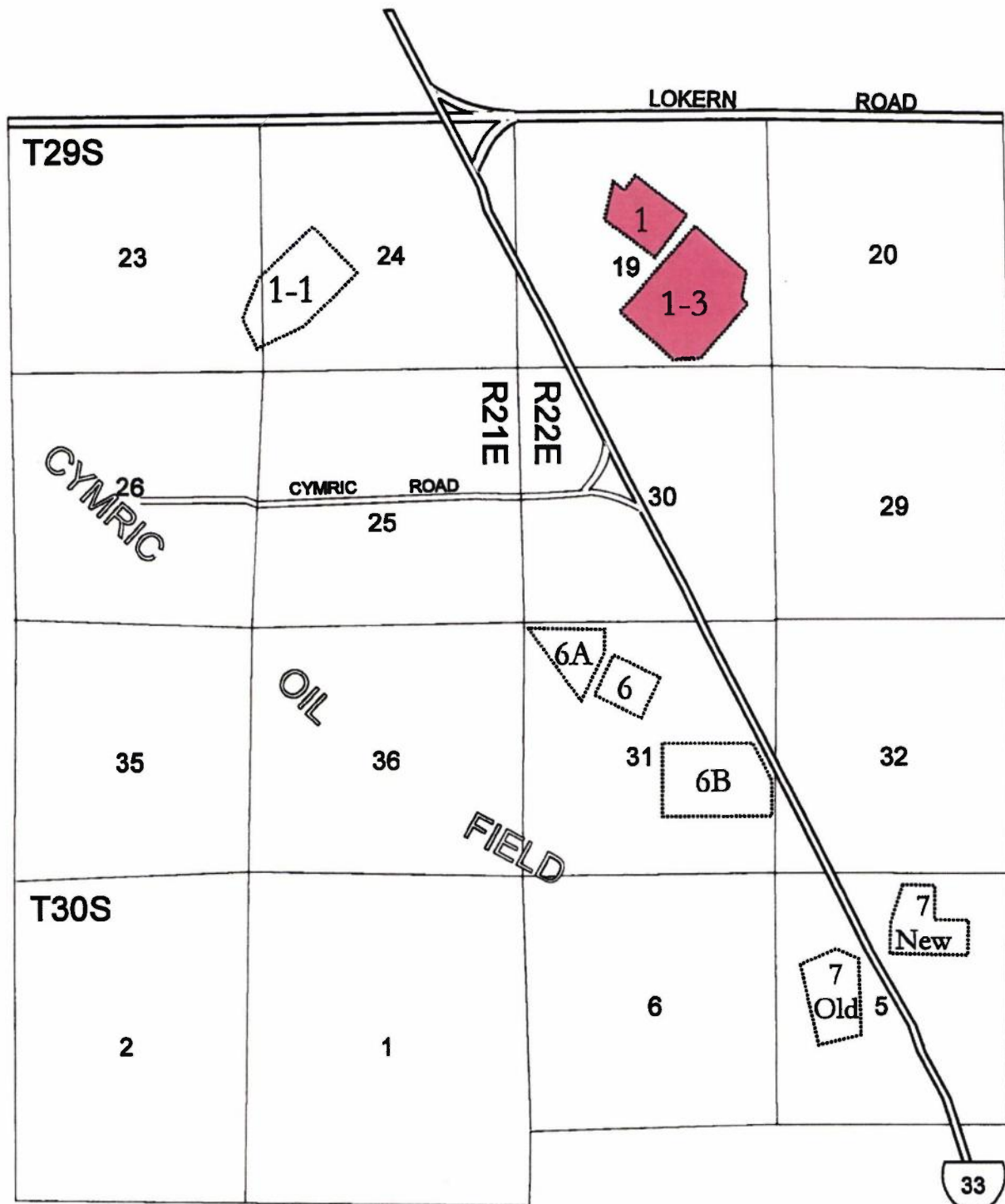
(3) _____

Reg. WDS Coordinator

WDS Data Entry Date: _____

Regional Board File Number: _____

Inspection ID: _____



VALLEY WASTE DISPOSAL COMPANY

McKittrick Facilities (McKittrick 1 Facility
Inspected 11 April 2008)

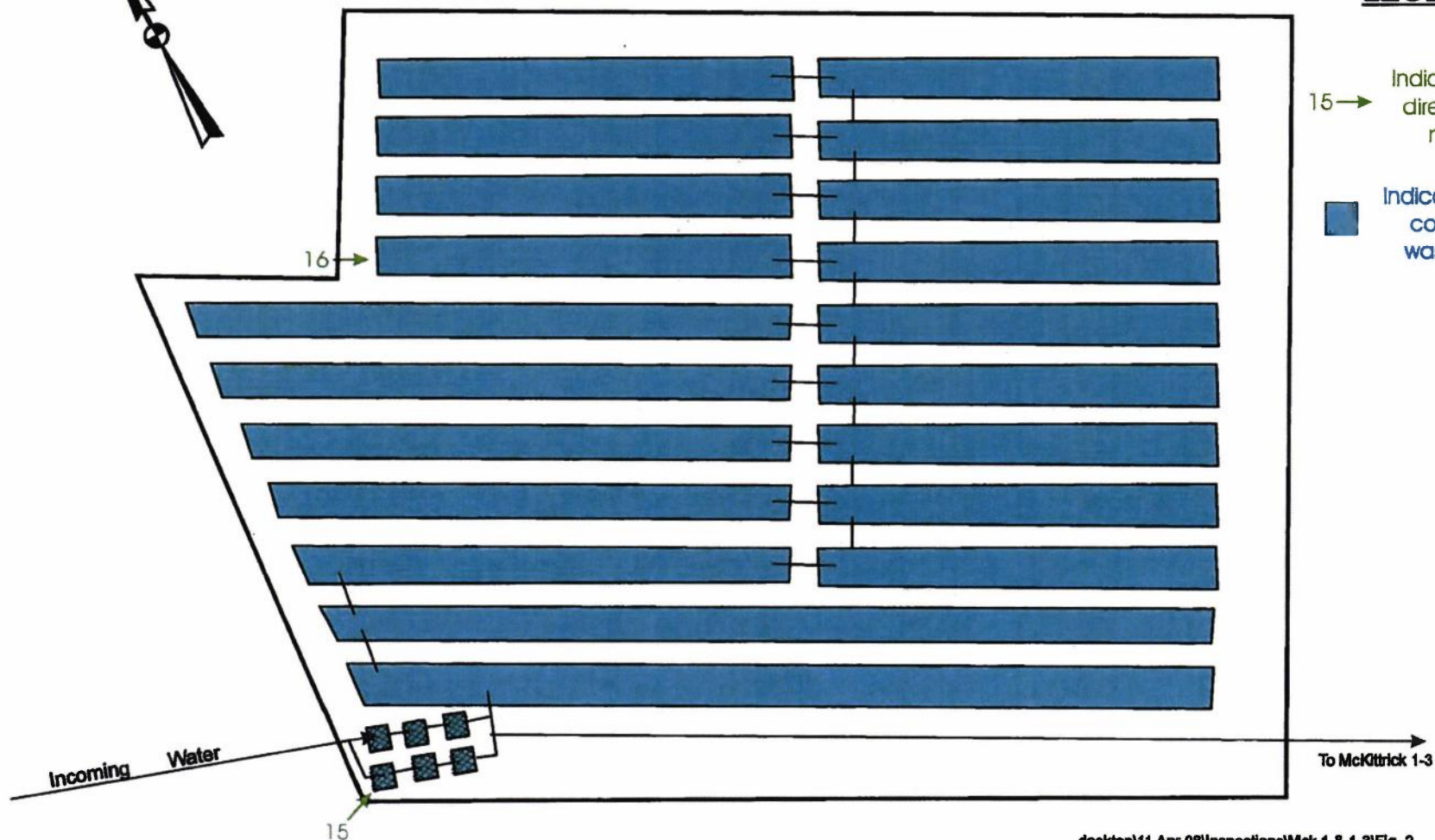
FIGURE 1.



LEGEND

15 → Indicates photo direction and number.

■ Indicates ponds containing wastewater.



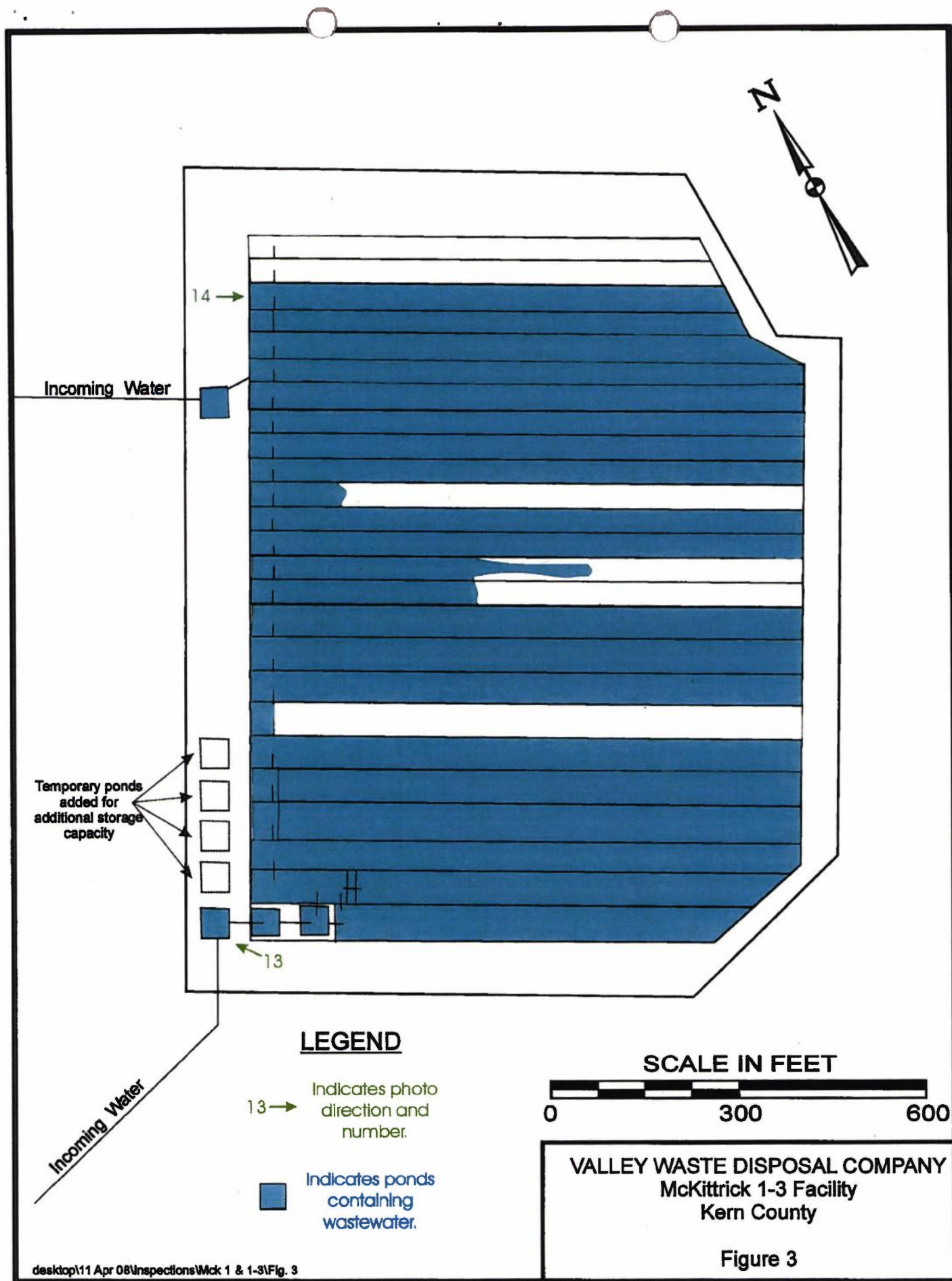
SCALE IN FEET



desktop\11 Apr 08\Inspections\Mck 1 & 1-3\Fig. 2

VALLEY WASTE DISPOSAL COMPANY
McKittrick 1 Facility
Kern County

Figure 2



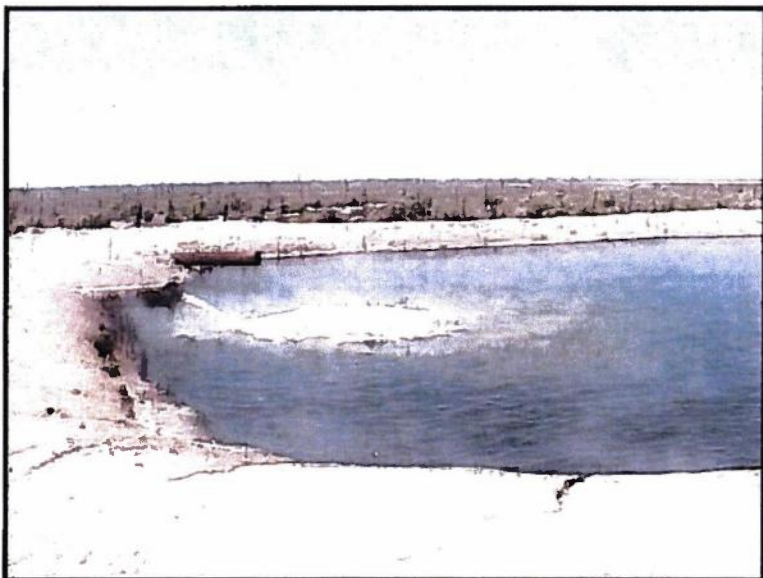


PHOTO 13: View of first cleaning pond looking north.

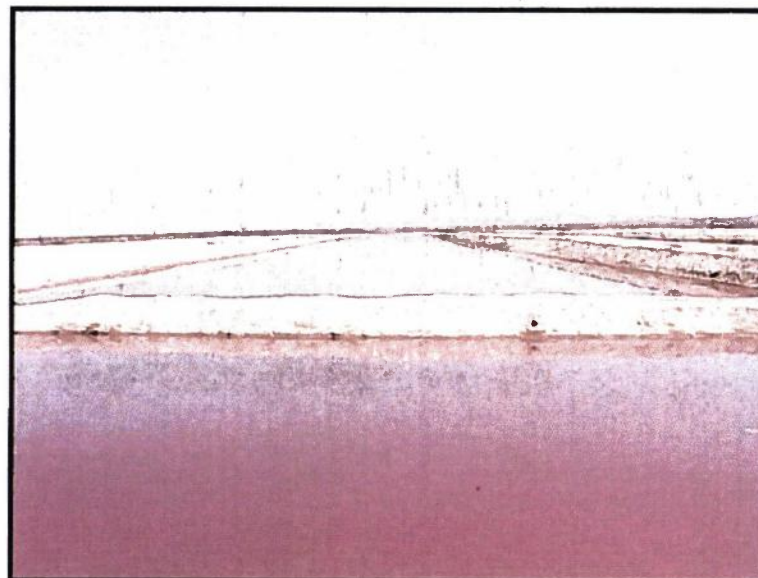


PHOTO 14: View of third to last impoundment (No. 23) looking southeasterly.



PHOTO 15: View of cleaning pond looking northeasterly.

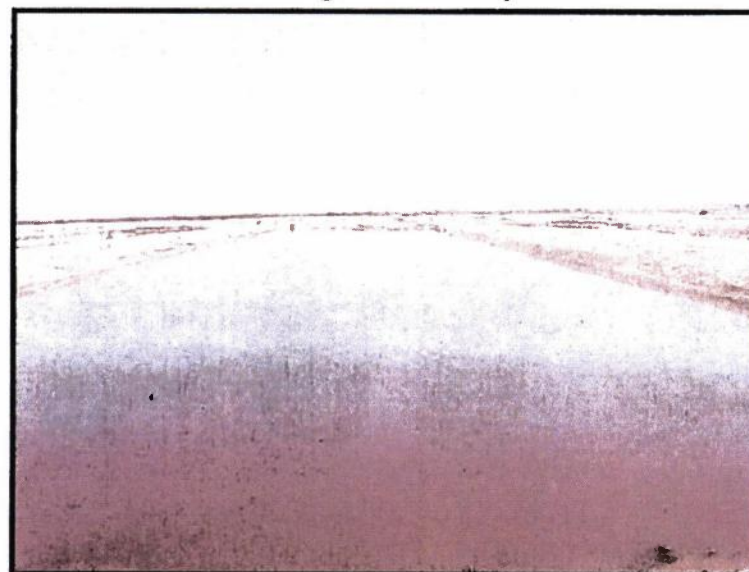


PHOTO 16: View of eighth row of impoundments looking southeasterly.



Linda S. Adams
Secretary for
Environmental
Protection

California Regional Water Quality Control Board Central Valley Region

Karl E. Longley, ScD, PE, Chair

1685 E Street, Fresno, California 93706
(559) 445-5116 • Fax (559) 445-5910
<http://www.waterboards.ca.gov/centralvalley>



Arnold
Schwarzenegger
Governor

8 April 2009

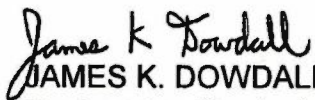
Mr. Larry Bright
Valley Waste Disposal Company
7500 Meany Ave.
Bakersfield, CA 93308

ANNUAL INSPECTIONS – VALLEY WASTE DISPOSAL COMPANY FACILITIES, KERN COUNTY

The enclosed inspection reports describe observations made during the annual inspections conducted on 27 March 2009 by Central Valley Regional Water Quality Control Board staff at the Valley Waste Disposal Company wastewater disposal facilities in the Midway Sunset and Cymric Oil Fields.

The presence of several vacuum trucks observed during the inspections indicates that any oil entering the disposal systems is removed in a timely manner. Minor amounts of oil were noted near the edge of a few cleaning ponds, which was either being removed or, which you indicated would be removed by vacuum trucks present in the field. This operational procedure appears to be effective, as no oil was observed in any of the larger impoundments.

If you have any questions, please call Jim Dowdall of this office at (559) 445-5108.


JAMES K. DOWDALL
Engineering Geologist
Professional Geologist #4830


SHELTON R. GRAY
Senior Engineering Geologist

Enclosures

cc: Kern County Environmental Health Services Department, Bakersfield
California Division of Oil, Gas & Geothermal Resources, Bakersfield

California Environmental Protection Agency

OFFICE NO: 5F
Inspector: JKD

FACILITIES INSPECTION REPORT

2009
Program Type: SUB15

5D152013019 WDID NUMBER	Valley Waste Disposal Company PARTY NAME	Belgian Anticline, McKittrick 1 PLACE NAME
69-19901 WDR ORDER NO	7500 Meany Ave. STREET	Section 19, T29S, R22E, MDB&M STREET
143269 REG MEASURE ID	Bakersfield, California CITY AND STATE	Bakersfield, California CITY AND STATE
03/27/2009 ACTUAL INSP. DATE (MM/DD/YYYY)	Larry Bright CONTACT PERSON	Larry Bright ONSITE CONTACT PERSON
	(661) 410-7500 PHONE NO.	(661) 410-7500 PHONE NO.

Place ID: 209130

Party ID: 49654

If this inspection is a Compliance inspection of an NPDES facility, send a copy of this report to SWRCB's Division of Water Quality, Program Support Unit.

INSPECTION TYPE (Check One)

- ☐ "A" type compliance – Comprehensive inspection in which samples are taken. (EPA Type S)
- ☒ "B" type compliance – A routine nonsampling inspection. (EPA Type C)
- ☐ Noncompliance follow-up – Inspection made to verify correction of previously identified violation.
- ☐ Enforcement follow-up – Inspection made to verify that conditions of an enforcement action are being met.
- ☐ Complaint – Inspection made in response to a complaint.
- ☐ Pre-requirement – Inspection made to gather information relative to preparing, modifying, or rescinding requirements.
- ☐ Miscellaneous – Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g. – biomonitoring, performance audit, diagnostic, etc)

(Type)

N Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

N Was this a Quality Assurance-Based Inspection? (Yes/No)

N Were bioassay samples taken? (Yes/No) (If yes, then Static or Flowthrough)

INSPECTION SUMMARY (REQUIRED) (500 character limit)

INSPECTED FACILITY FOR COMPLIANCE WITH WASTE DISCHARGE REQUIREMENTS ORDER NO. 69-19901.

INSPECTOR'S DATA:

Staff ID: JKD

SIGNATURE: James K. Fordall

DATE: 7 April 2009

For Internal Use: Reviewed by:

(1) 

(2)

(3)

CIWQS Coordinator

CIWQS Entry Date: Regional Board File Number: CIWQS Inspection ID:

FACILITIES INSPECTION REPORT

Page 2

VIOLATION (IF APPLICABLE)

Date Occurred (MM/DD/YYYY): _____

Date Determined (MM/DD/YYYY): _____

DESCRIPTION (2000 Character Limit):

EPA SUGGESTED CHECKLIST

(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Evaluated)

<u> S </u> Permit	<u> N </u> Flow Measurement	<u> N </u> Pretreatment	<u> S </u> Operations and Maintenance
<u> N </u> Records/Reports	<u> N </u> Laboratories	<u> N </u> Compliance Schedules	<u> N </u> Sludge Disposal
<u> S </u> Facility Site Review	<u> N </u> Eff./Receiving Waters	<u> N </u> Self-Monitoring	<u> N </u> Other

 5 Overall Facility Operation Evaluation (5=Very reliable, 3=Satisfactory, 1=Unreliable)

HISTORICAL INFORMATION

MOST RECENT ORDERS:

ORDER NO.	DATE ADOPTED	TYPE
69-19901	02/14/1969	WDRS

MOST RECENT INSPECTIONS:

DATE	TYPE	VIOLATIONS?
03/26/2004	B1	N
05/13/2005	B1	N
04/21/2006	B1	N
03/30/2007	B1	N
04/11/2008	B1	N

MOST RECENT VIOLATIONS:

VIOLATION ID	DATE

ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, ITEMS FOR FOLLOWUP ON FUTURE INSPECTIONS, NOTES, ETC. (Attach additional pages, if necessary)

The purpose of the inspection was to determine if the facility was being operated in compliance with Waste Discharge Requirements Order No. 9-19901. I was accompanied on the inspection by Larry Bright of Valley Waste Disposal Company. Both the McKittrick 1 and McKittrick 1-3 portions of the facility were inspected. The general location of the facility is shown in Figure 1.

Approximately 115,000 barrels per day of produced oilfield wastewater is currently being disposed of at the facility. All the cleaning ponds and sixteen impoundments were in use at McKittrick 1, with two impoundments containing small amounts of wastewater (see Figure 2). A vacuum truck was present at the second impoundment skimming a small amount of oil. Four cleaning ponds and eighteen impoundments were in use at McKittrick 1-3, with two impoundments containing a small amount of wastewater (see Figure 3).




Photos were taken during the inspection and are included in this report. The operation of the facility appeared to be in compliance with the WDRs.

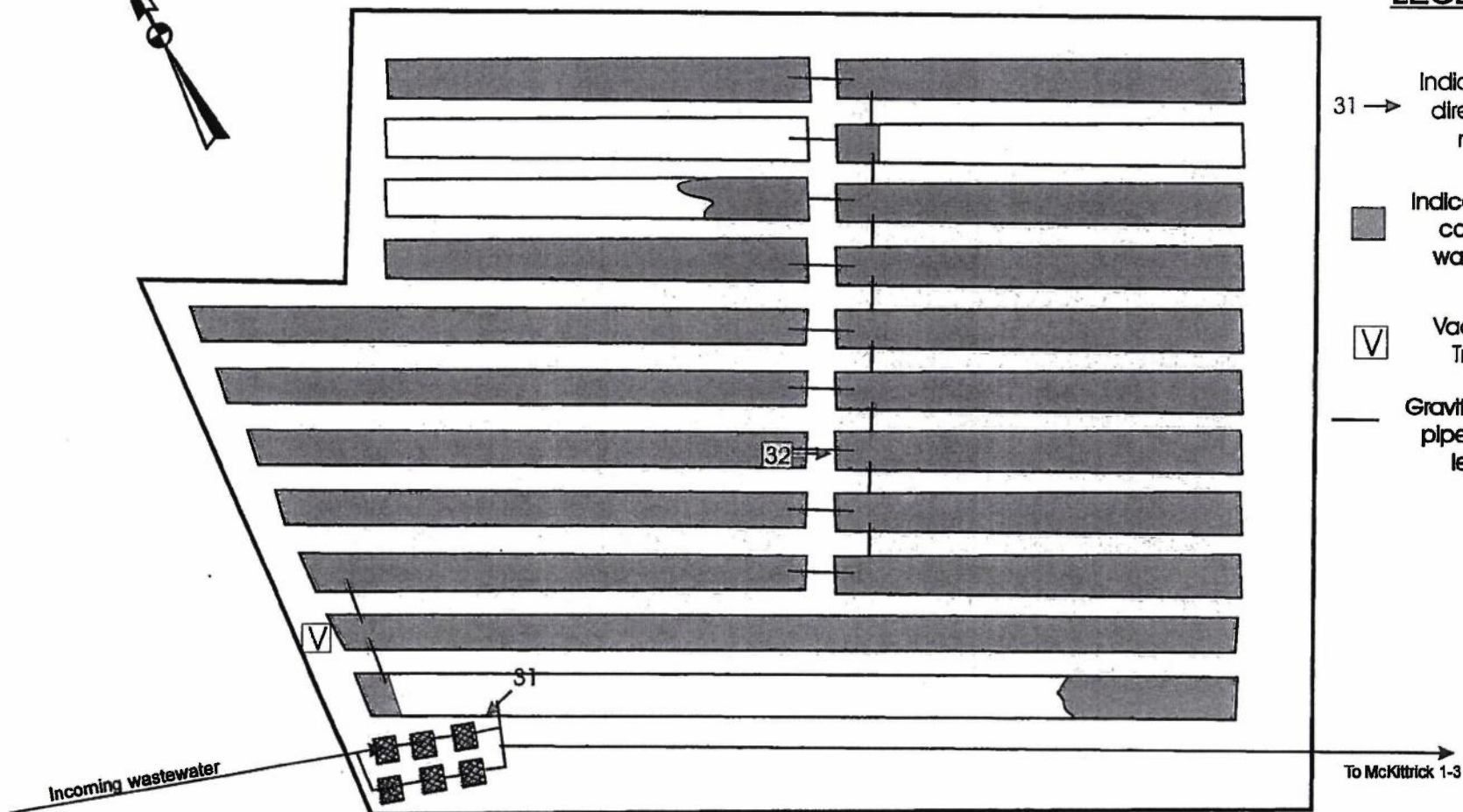


FIGURE 1.



LEGEND

- 31 → Indicates photo direction and number.
-  Indicates ponds containing wastewater.
-  Vacuum Truck
-  Gravity drainage pipes (various lengths)



SCALE IN FEET



Valley Waste Disposal Company
McKittrick 1 Facility
Kern County

Figure 2

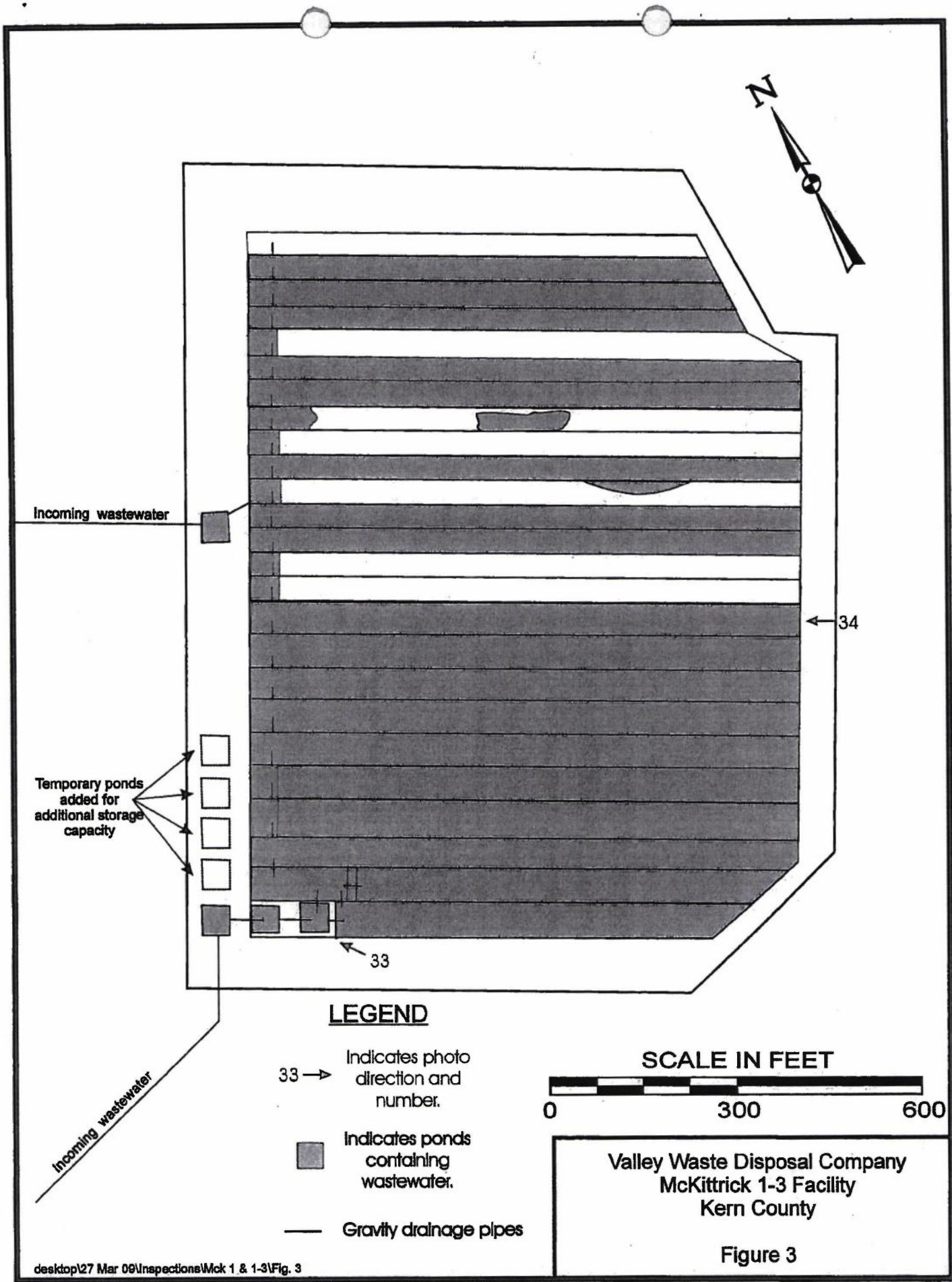




PHOTO 31: View of cleaning pond looking west.

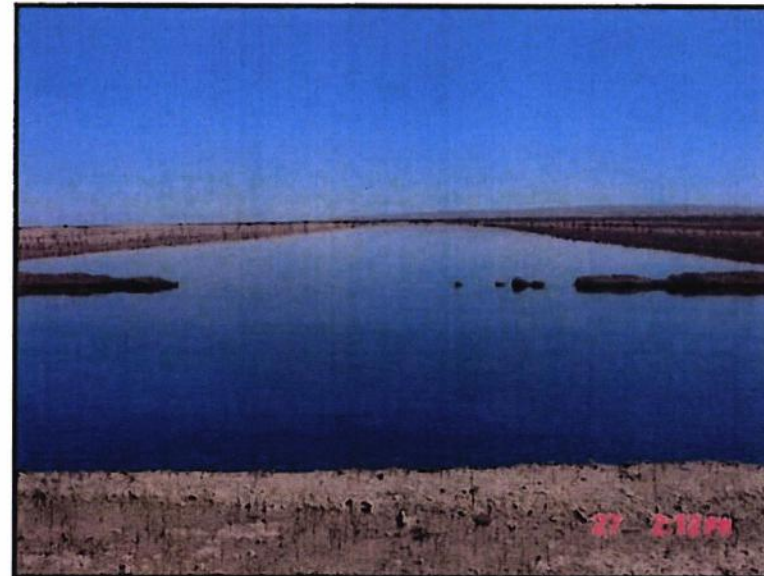


PHOTO 32: View of fifth row of impoundments looking southeasterly.

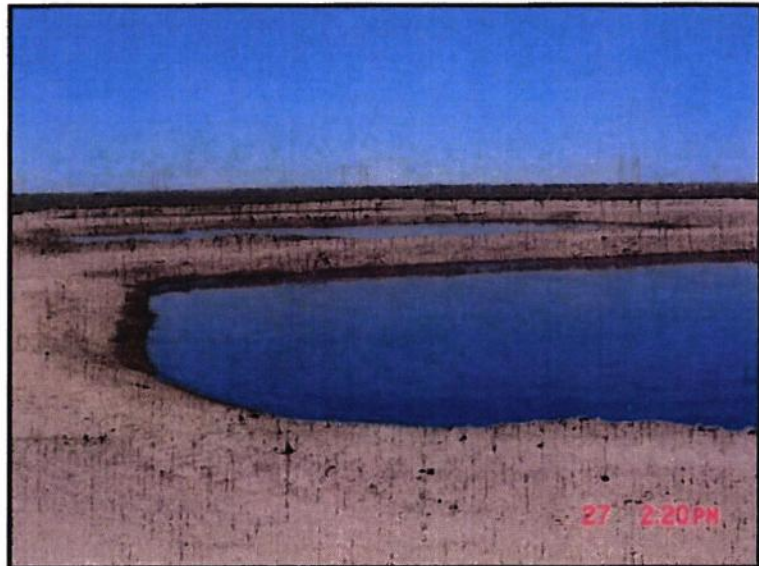


PHOTO 33: View of last cleaning pond looking northwesterly.



PHOTO 34: View of tenth impoundment looking northwesterly.

MCKITTRICK NO. 1 & 1-3 FACILITIES
27 MARCH 2009 INSPECTION
MCKITTRICK 1 (PHOTOS 31 & 32)
MCKITTRICK 1-3 (PHOTOS 33 & 34)



Linda S. Adams
Secretary for
Environmental
Protection

California Regional Water Quality Control Board Central Valley Region

Katherine Hart, Chair

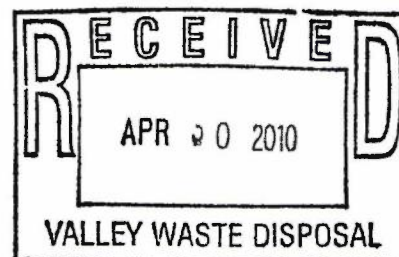
1685 E Street, Fresno, California 93706
(559) 445-5116 • Fax (559) 445-5910
<http://www.waterboards.ca.gov/centralvalley>



Arnold
Schwarzenegger
Governor

29 April 2010

Larry Bright
Valley Waste Disposal Company
7500 Meany Ave.
Bakersfield, CA 93308

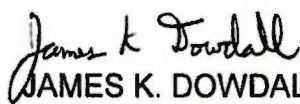



ANNUAL INSPECTIONS – VALLEY WASTE DISPOSAL COMPANY FACILITIES, MIDWAY SUNSET AND CYMRIC OIL FIELDS, KERN COUNTY

The enclosed inspection reports describe observations made during the annual inspections conducted on 26 March 2010 by Central Valley Regional Water Quality Control Board staff at your wastewater disposal facilities in the Midway Sunset and Cymric Oil Fields. **No violations of the waste discharge requirements were observed during the inspections.**

Please notify us when the netting repairs have been completed at Cleaning Pond CP-2 at the Southeast Taft Old Facility.

If you have any questions, please call Jim Dowdall of this office at (559) 445-5108.


JAMES K. DOWDALL
Engineering Geologist
Professional Geologist #4830


SHELTON R. GRAY
Senior Engineering Geologist

Enclosures

cc: Kern County Environmental Health Department, Bakersfield
California Division of Oil, Gas & Geothermal Resources, Bakersfield

California Environmental Protection Agency

OFFICE NO: 5F
Inspector: JKD

FACILITIES INSPECTION REPORT

2010
Program Type: SUB15

5D152013019 WDID NUMBER	Valley Waste Disposal Company PARTY NAME	Belgian Anticline, McKittrick 1 PLACE NAME
69-19901 WDR ORDER NO	7500 Meany Ave. STREET	Section 19, T29S, R22E, MDB&M STREET
143269 REG MEASURE ID	Bakersfield, California CITY AND STATE	Bakersfield, California CITY AND STATE
03/26/2010 ACTUAL INSP. DATE (MM/DD/YYYY)	Larry Bright CONTACT PERSON	Larry Bright ONSITE CONTACT PERSON
	(661) 410-7500 PHONE NO	(661) 410-7500 PHONE NO

Place ID: 209130

Party ID: 49654

If this inspection is a Compliance Inspection of an NPDES facility, send a copy of this report to SWRCB's Division of Water Quality, Program Support Unit.

INSPECTION TYPE (Check One)

- ☐ "A" type compliance – Comprehensive inspection in which samples are taken. (EPA Type S)
- ☒ "B" type compliance – A routine nonsampling inspection. (EPA Type C)
- ☐ Noncompliance follow-up – Inspection made to verify correction of previously identified violation.
- ☐ Enforcement follow-up – Inspection made to verify that conditions of an enforcement action are being met.
- ☐ Complaint – Inspection made in response to a complaint.
- ☐ Pre-requirement – Inspection made to gather information relative to preparing, modifying, or rescinding requirements.
- ☐ Miscellaneous – Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g. – biomonitoring, performance audit, diagnostic, etc)

(Type)

N Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

N Was this a Quality Assurance-Based Inspection? (Yes/No)

N Were bioassay samples taken? (Yes/No) (If yes, then Static or Flowthrough)

INSPECTION SUMMARY (REQUIRED) (500 character limit)

ON 26 MARCH 2010, JIM DOWDALL INSPECTED THE VALLEY WASTE DISPOSAL MCK-1 AND MCK 1-3 FACILITIES FOR COMPLIANCE WITH WASTE DISCHARGE REQUIREMENTS ORDER NO. 69-19901. NO VIOLATIONS WERE NOTED DURING THE INSPECTION.

INSPECTOR'S DATA:

Staff ID: JKD

SIGNATURE: James K Dowdall

DATE: 28 April 2010

For Internal Use: Reviewed by:

(1) JRS

(2) DKP

(3)

CIWQS Entry Date: 04/28/2010

Regional Board File Number:

CIWQS Inspection ID: 2268972

CIWQS Coordinator

FACILITIES INSPECTION REPORT

Page 2

VIOLATION (IF APPLICABLE)

Date Occurred (MM/DD/YYYY): _____

Date Determined (MM/DD/YYYY): _____

DESCRIPTION (2000 Character Limit):

EPA SUGGESTED CHECKLIST

(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Evaluated)

<u> S </u> Permit	<u> N </u> Flow Measurement	<u> N </u> Pretreatment	<u> S </u> Operations and Maintenance
<u> N </u> Records/Reports	<u> N </u> Laboratories	<u> N </u> Compliance Schedules	<u> N </u> Sludge Disposal
<u> S </u> Facility Site Review	<u> N </u> Eff./Receiving Waters	<u> N </u> Self-Monitoring	<u> N </u> Other
<u> 5 </u> Overall Facility Operation Evaluation (5=Very reliable, 3=Satisfactory, 1=Unreliable)			

HISTORICAL INFORMATION

MOST RECENT ORDERS:		
ORDER NO.	DATE ADOPTED	TYPE
69-19901	02/14/1969	WDRS

MOST RECENT INSPECTIONS:		
DATE	TYPE	VIOLATIONS?
05/13/2005	B1	N
04/21/2006	B1	N
03/30/2007	B1	N
04/11/2008	B1	N
03/27/2009	B1	N

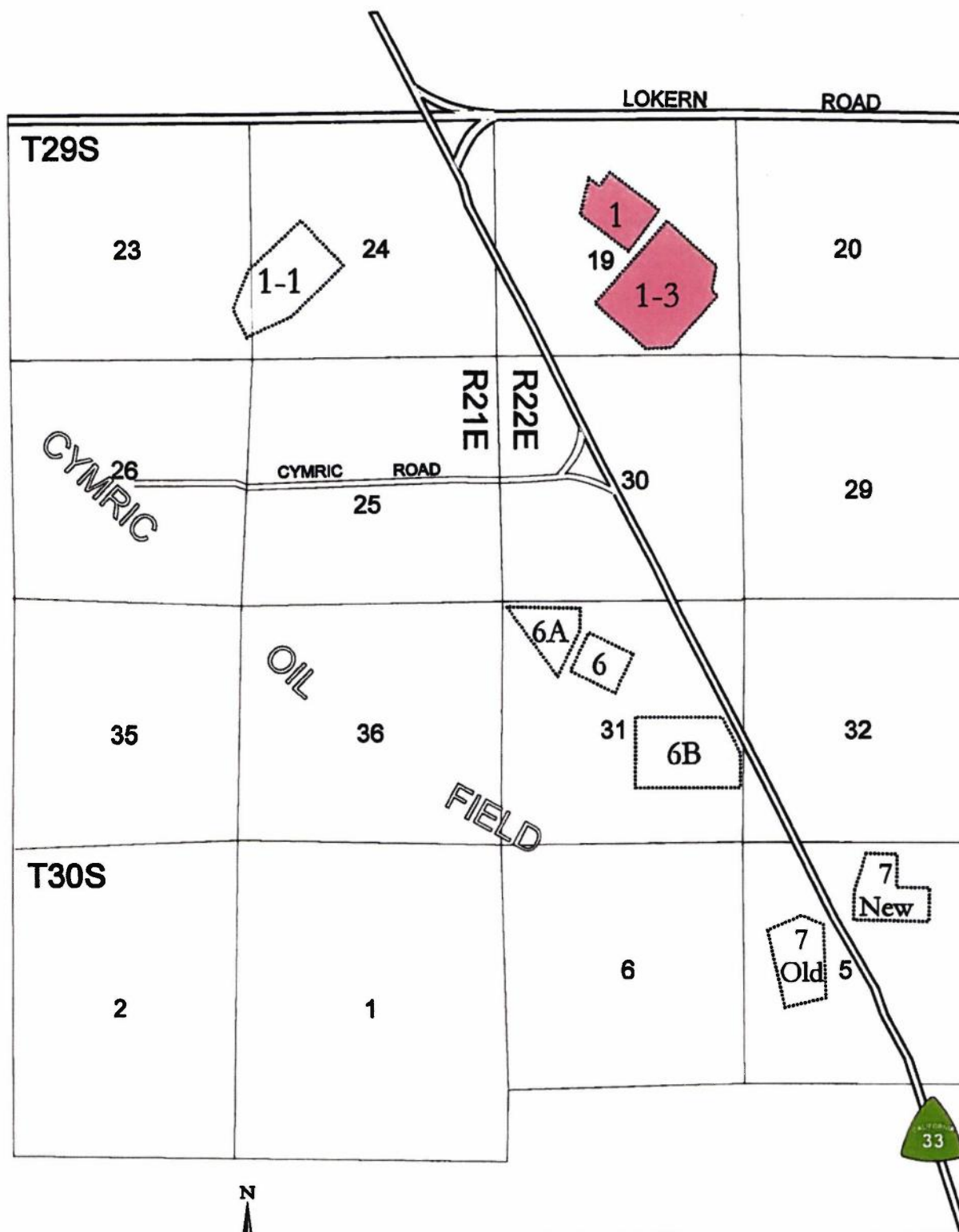
MOST RECENT VIOLATIONS:	
VIOLATION ID	DATE

ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, ITEMS FOR FOLLOWUP ON FUTURE INSPECTIONS, NOTES, ETC. (Attach additional pages, if necessary)

The purpose of the inspection was to determine if the facility was being operated in compliance with Waste Discharge Requirements Order No. 69-19901. I was accompanied on the inspection by Russ Emerson of Valley Waste Disposal Company (VWDC). Both the McKittrick 1 and McKittrick 1-3 portions of the facility were inspected. The weather was sunny to partly cloudy and mild. Larry Bright of VWDC met us as we were inspecting McKittrick 1-3. The general location of the facility is shown in Figure 1.

Approximately 65,000 barrels per day of produced oilfield wastewater is currently being disposed of at the facility. Three cleaning ponds and thirteen impoundments were in use at McKittrick 1-3, with one vacuum truck present at the third cleaning pond (see Figure 2). All the cleaning ponds and six impoundments were in use at McKittrick 1, with one impoundment containing a small amount of wastewater (see Figure 3). A vacuum truck was present at the second impoundment. Photo 33 at the sixth row of impoundments in McKittrick 1 shows a dust devil traveling from the northeast to the southwest (right to left) across the impoundment.

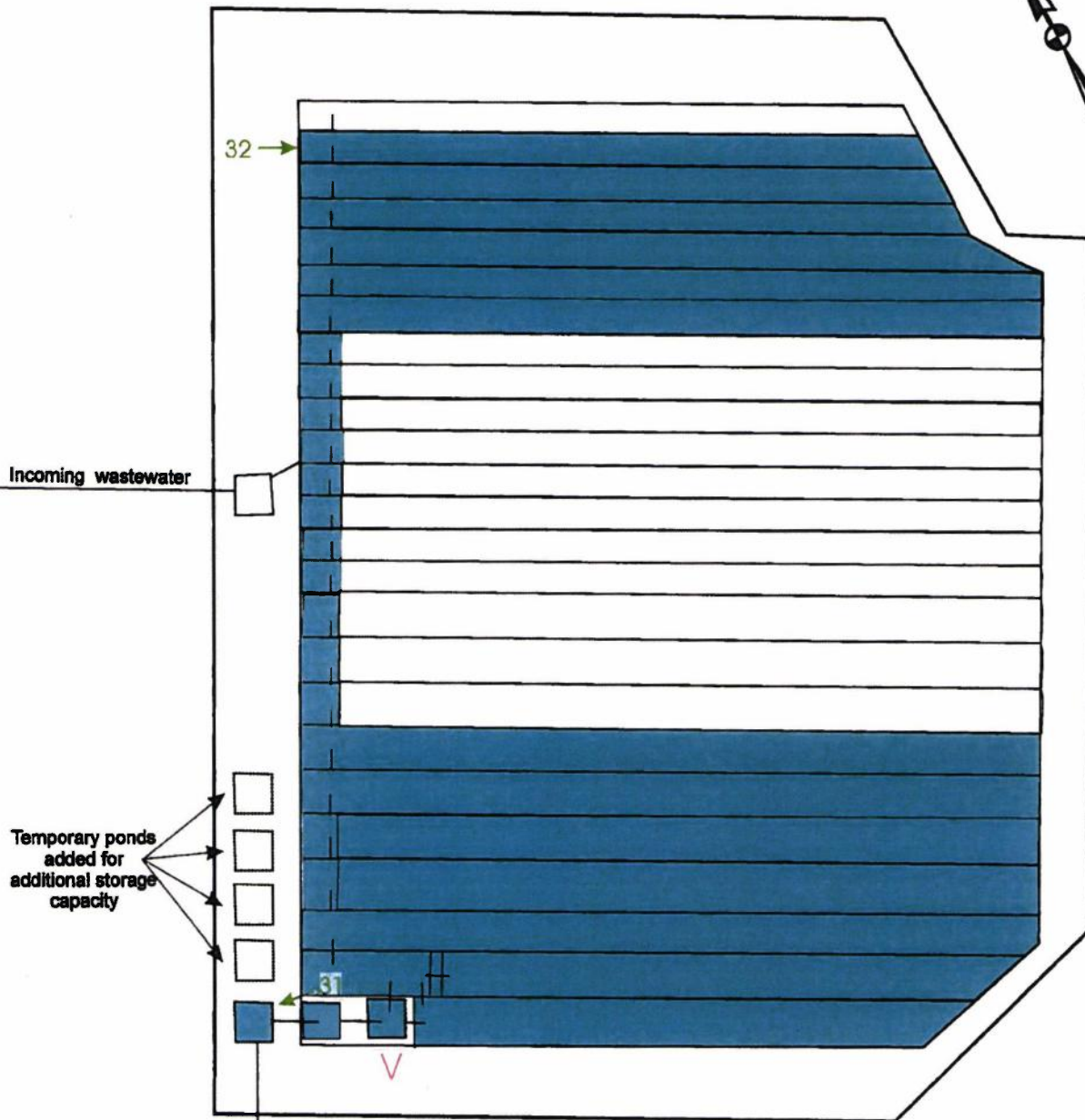
Photos were taken during the inspection and are included in this report. The impoundments had adequate freeboard and were free of oil. The operation of the facility appeared to be in compliance with the WDRs.



VALLEY WASTE DISPOSAL COMPANY

McKittrick Facilities (McKittrick 7 Facility
Inspected 26 March 2010)

FIGURE 1.



LEGEND

31 → Indicates photo direction and number.

■ Indicates ponds containing wastewater.

— Gravity drainage pipes

V Vacuum Truck

SCALE IN FEET



Valley Waste Disposal Company
McKittrick 1-3 Facility
Kern County

Figure 2



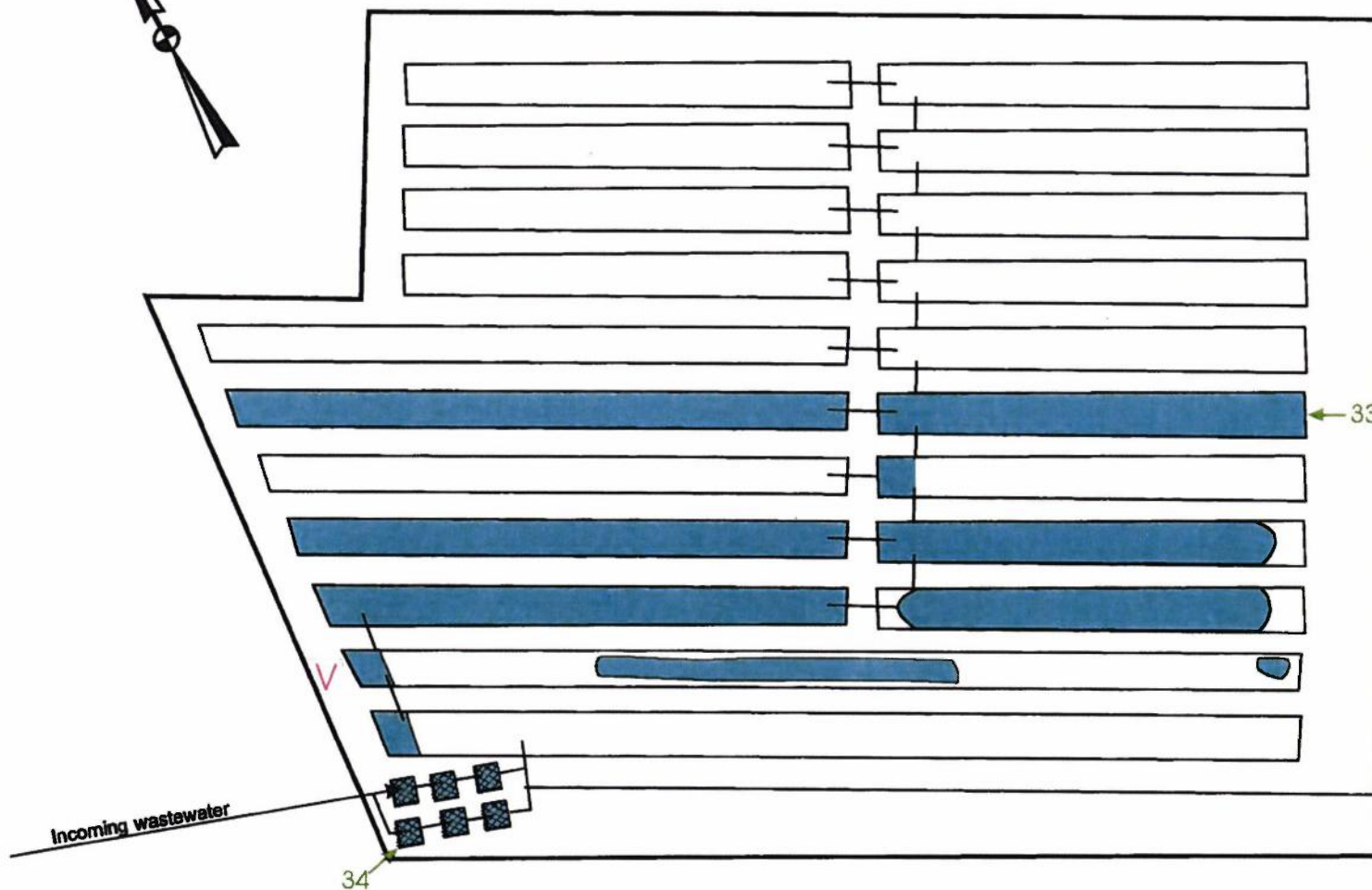
LEGEND

31 → Indicates photo direction and number.

■ Indicates ponds containing wastewater.

V Vacuum Truck

— Gravity drainage pipes (various lengths)



SCALE IN FEET



Valley Waste Disposal Company
McKittrick 1 Facility
Kern County

Figure 3



PHOTO 31: View of first cleaning pond looking west.

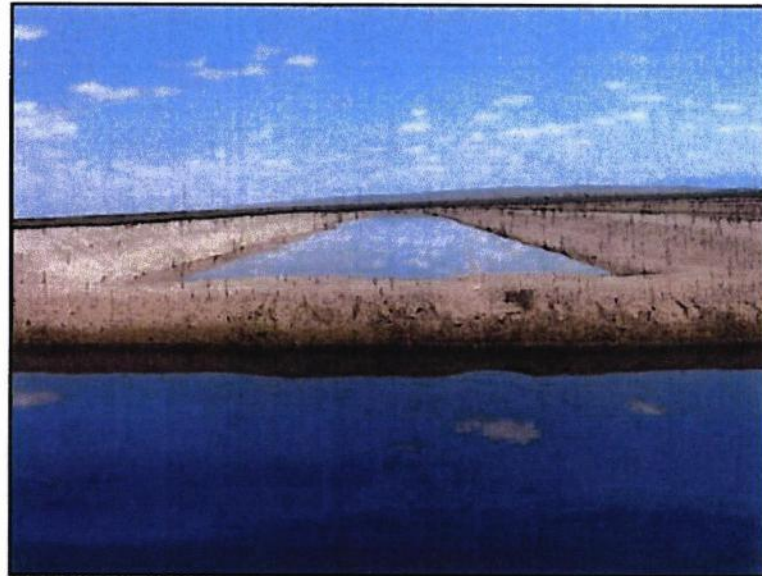


PHOTO 32: View of second to last impoundment looking southeasterly.

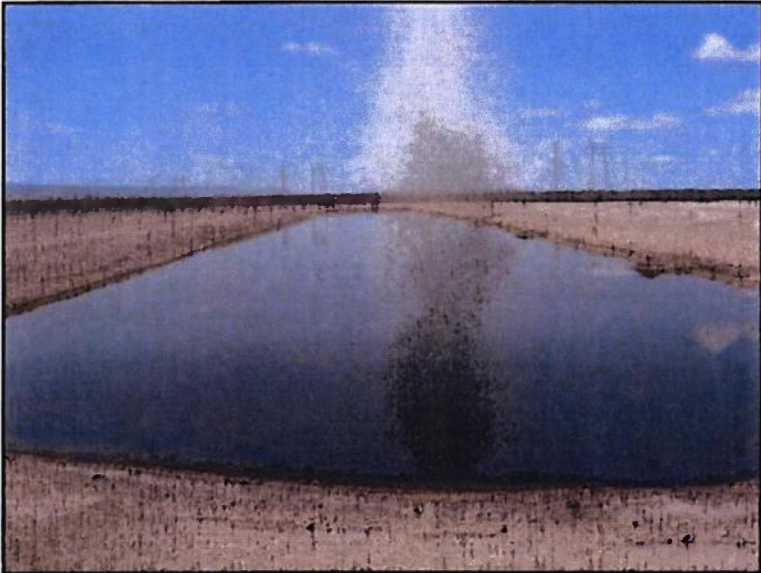


PHOTO 33: View of sixth row of impoundments looking northwesterly.

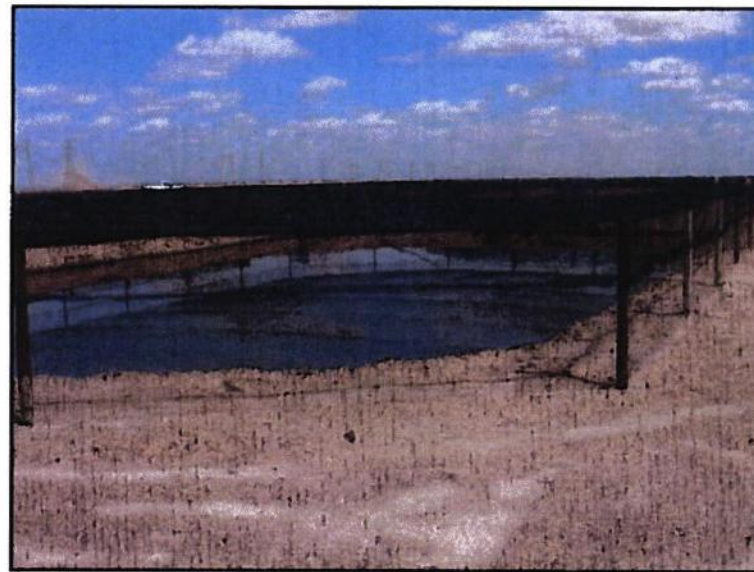


PHOTO 34: View of first cleaning pond looking east.



**California Regional Water Quality Control Board
Central Valley Region**

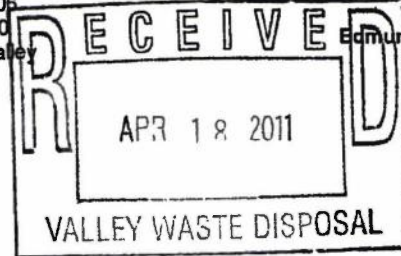
Katherine Hart, Chair



Linda S. Adams
Acting Secretary for
Environmental Protection

1685 E Street, Fresno, California 93705
(559) 445-5116 • FAX (559) 445-5910
<http://www.waterboards.ca.gov/centralvalley>

Edmund G. Brown Jr.
Governor



15 April 2011

Larry Bright
Valley Waste Disposal Company
7500 Meany Ave.
Bakersfield, CA 93308

**ANNUAL INSPECTIONS – VALLEY WASTE DISPOSAL COMPANY (VWDC) FACILITIES
KERN COUNTY**

The enclosed inspection reports describe observations made during the annual inspections conducted on 8 April 2011 by Central Valley Regional Water Quality Control Board staff at the wastewater disposal facilities in the Midway Sunset and Cymric Oil Fields. **No violations of the waste discharge requirements were observed during the inspections.**

Please provide notification when the netting repairs have been completed at Cleaning Pond CP-1 at the Maricopa West Facility.

If there are any questions, please call Jim Dowdall of this office at (559) 445-5108.

James K. Dowdall
JAMES K. DOWDALL
Engineering Geologist
Professional Geologist #4830

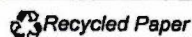
Shelton R. Gray
FOR SHELTON R. GRAY
Senior Engineering Geologist

JKD:jkd

Enclosures

cc: Kern County Environmental Health Department, Bakersfield
California Division of Oil, Gas & Geothermal Resources, Bakersfield

California Environmental Protection Agency



OFFICE NO: 5F
Inspector: JKD

FACILITIES INSPECTION REPORT

2011
Program Type: SUB15

5D152013019 WDID NUMBER	Valley Waste Disposal Company PARTY NAME	Belgian Anticline, McKittrick 1 PLACE NAME
69-19901 WDR ORDER NO	7500 Meany Ave. STREET	Section 19, T29S, R22E, MDB&M STREET
143269 REG MEASURE ID	Bakersfield, California CITY AND STATE	Bakersfield, California CITY AND STATE
04/08/2011 ACTUAL INSP. DATE (MM/DD/YYYY)	Larry Bright CONTACT PERSON	Larry Bright ONSITE CONTACT PERSON
	(661) 410-7500 PHONE NO.	(661) 410-7500 PHONE NO.

Place ID: 209130
Party ID: 49654

If this inspection is a Compliance Inspection of an NPDES facility, send a copy of this report to SWRCB's Division of Water Quality, Program Support Unit.

INSPECTION TYPE (Check One)

- ☐ "A" type compliance – Comprehensive inspection in which samples are taken. (EPA Type S)
- ☒ "B" type compliance – A routine nonsampling inspection. (EPA Type C)
- ☐ Noncompliance follow-up – Inspection made to verify correction of previously identified violation.
- ☐ Enforcement follow-up – Inspection made to verify that conditions of an enforcement action are being met.
- ☐ Complaint – Inspection made in response to a complaint.
- ☐ Pre-requirement – Inspection made to gather information relative to preparing, modifying, or rescinding requirements.
- ☐ Miscellaneous – Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g. – biomonitoring, performance audit, diagnostic, etc)

(Type)

- N Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)
- N Was this a Quality Assurance-Based Inspection? (Yes/No)
- N Were bioassay samples taken? (Yes/No) (If yes, then Static or Flowthrough)

INSPECTION SUMMARY (REQUIRED) (500 character limit)

ON 8 APRIL 2011, I (JIM DOWDALL) PERFORMED AN ANNUAL INSPECTION OF THE VALLEY WASTE DISPOSAL COMPANY MCKITTRICK 1 FACILITY FOR COMPLIANCE WITH WASTE DISCHARGE REQUIREMENTS ORDER NO. 69-19901. **NO VIOLATIONS WERE OBSERVED DURING THE INSPECTION.**

INSPECTOR'S DATA:

Staff ID: JKD SIGNATURE: *James K Dowdall* DATE: 12 April 2011

For Internal Use: Reviewed by: (1) (2) (3)
CIWQS Entry Date: Regional Board File Number: CIWQS Inspection ID: CIWQS Coordinator

FACILITIES INSPECTION REPORT

Page 2

VIOLATION (IF APPLICABLE)

Date Occurred (MM/DD/YYYY): _____

Date Determined (MM/DD/YYYY): _____

DESCRIPTION (2000 Character Limit):

EPA SUGGESTED CHECKLIST

(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Evaluated)

<u>S</u> Permit	<u>N</u> Flow Measurement	<u>N</u> Pretreatment	<u>S</u> Operations and Maintenance
<u>N</u> Records/Reports	<u>N</u> Laboratories	<u>N</u> Compliance Schedules	<u>N</u> Sludge Disposal
<u>S</u> Facility Site Review	<u>N</u> Eff./Receiving Waters	<u>N</u> Self-Monitoring	<u>N</u> Other

5 Overall Facility Operation Evaluation (5=Very reliable, 3=Satisfactory, 1=Unreliable)

HISTORICAL INFORMATION

MOST RECENT ORDERS:		
ORDER NO.	DATE ADOPTED	TYPE
69-19901	02/14/1969	WDRS

MOST RECENT INSPECTIONS:		
DATE	TYPE	VIOLATIONS?
04/21/2006	B1	N
03/30/2007	B1	N
04/11/2008	B1	N
03/27/2009	B1	N
03/26/2010	B1	N

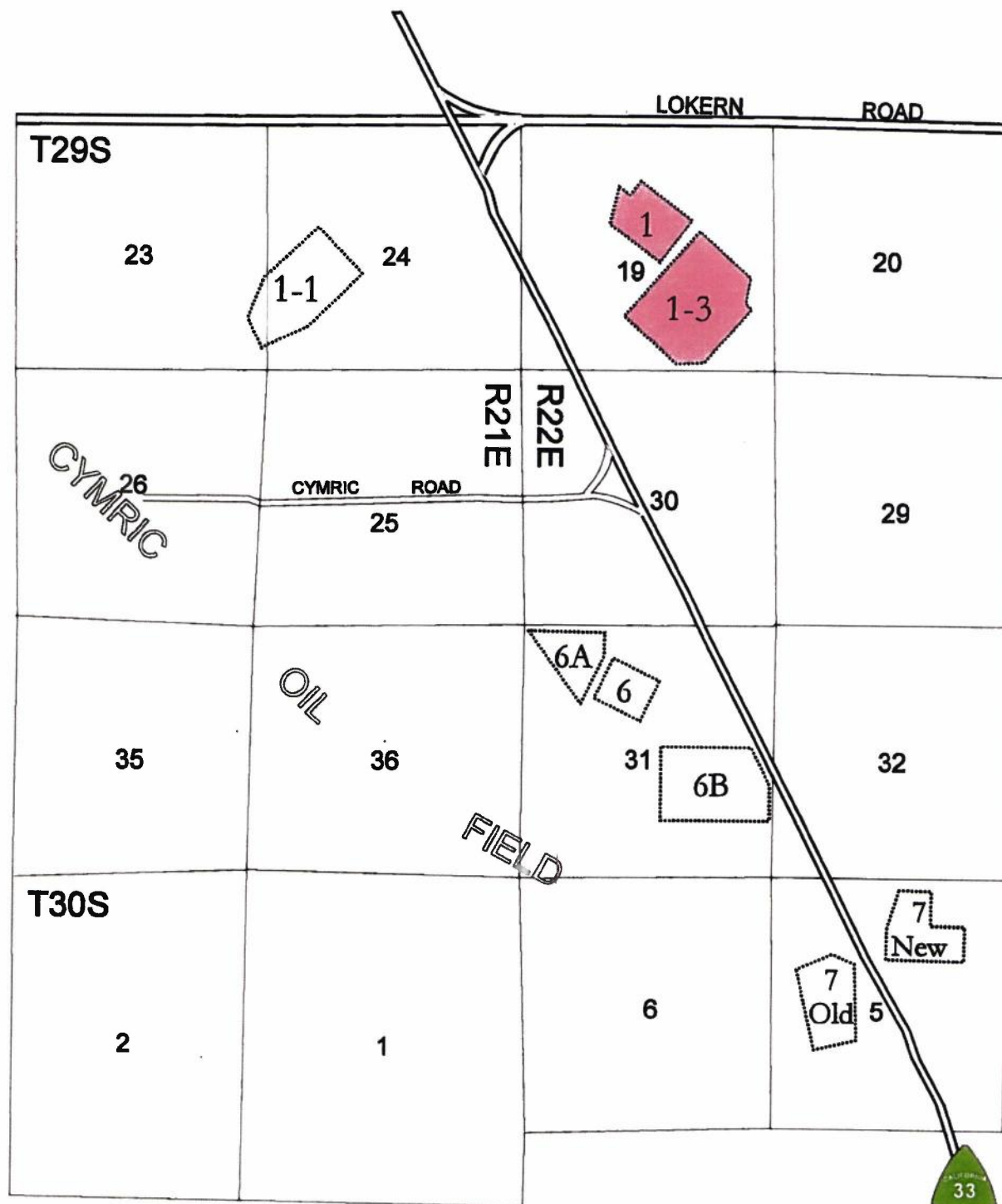
MOST RECENT VIOLATIONS:	
VIOLATION ID	DATE

ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, ITEMS FOR FOLLOWUP ON FUTURE INSPECTIONS, NOTES, ETC. (Attach additional pages, if necessary)

The purpose of the inspection was to determine if the facility was being operated in compliance with Waste Discharge Requirements Order No. 69-19901. I was accompanied on the inspection by Larry Bright of Valley Waste Disposal Company (VWDC). Both the McKittrick 1 and McKittrick 1-3 portions of the facility were inspected. The weather was partly cloudy and cool. The general location of the facility is shown in Figure 1.

Approximately 60,000 barrels per day of produced oilfield wastewater is currently being disposed of at the facility. Three cleaning ponds and fourteen impoundments were in use at McKittrick 1-3. All the cleaning ponds and one impoundment was in use at McKittrick 1. A vacuum truck was present at one of the cleaning ponds skimming some oil (see Figure 3 and Photo 33). The impoundments had adequate freeboard and were free of oil.

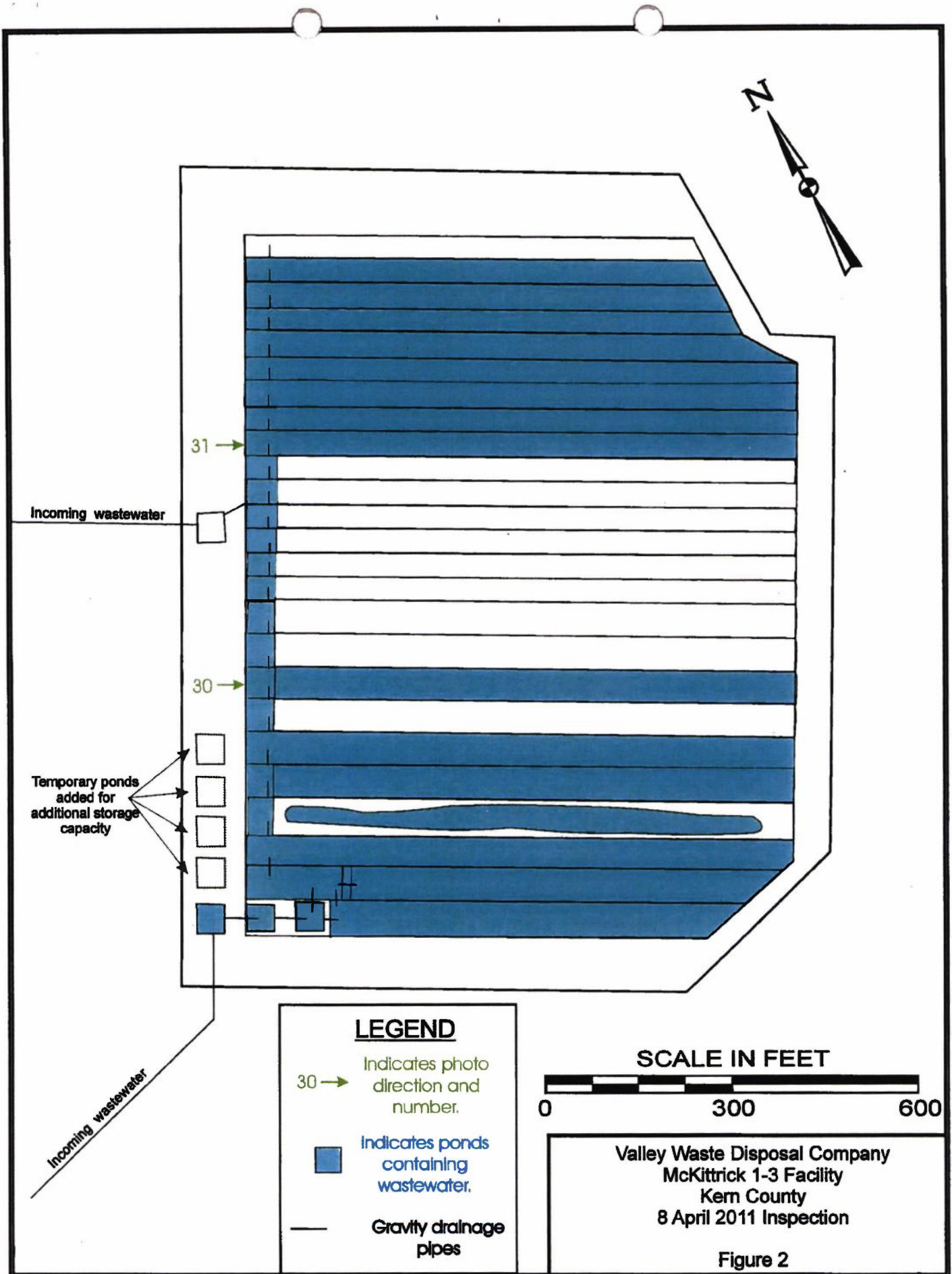
otos were taken during the inspection and are included in this report. The operation of the facility appeared to be in compliance with the WDRs.

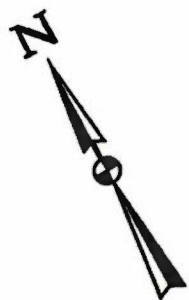


VALLEY WASTE DISPOSAL COMPANY

McKittrick 1 Facility (includes 1 & 1-3)
Inspected 8 April 2011

FIGURE 1.





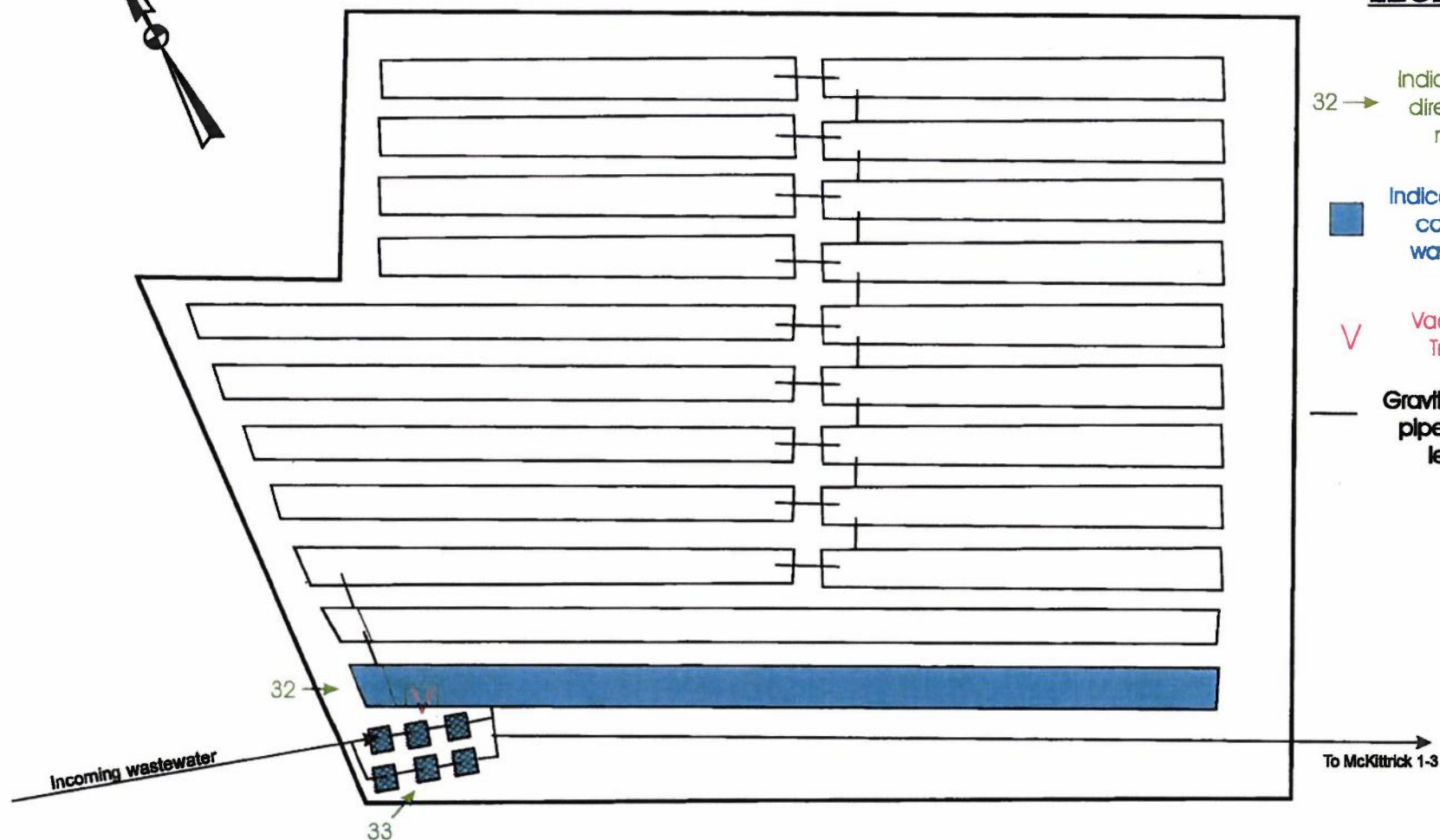
LEGEND

32 → Indicates photo direction and number.

■ Indicates ponds containing wastewater.

V Vacuum Truck

— Gravity drainage pipes (various lengths)



SCALE IN FEET



Valley Waste Disposal Company
McKittrick 1 Facility
Kern County
8 April 2011 Inspection

Figure 3



PHOTO 30: View of eighth impoundment looking southeast.

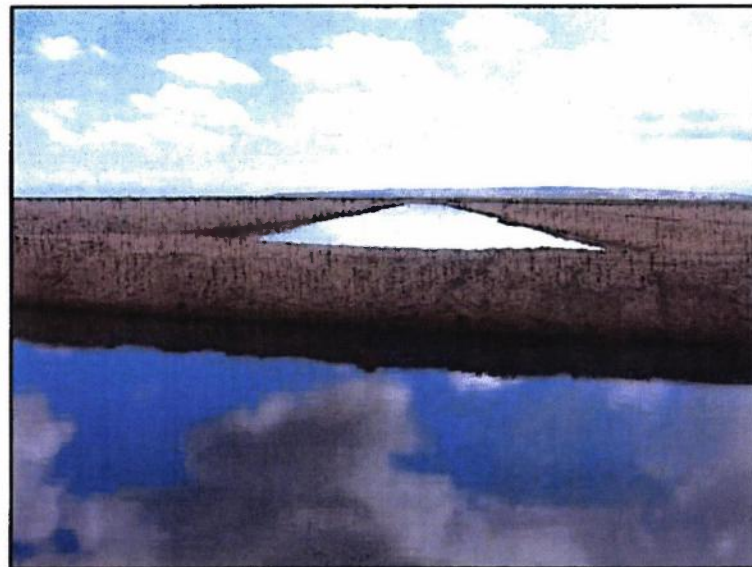


PHOTO 31: View of seventeenth impoundment looking southeast.



PHOTO 32: View of first impoundment looking southeast.



PHOTO 33: View of cleaning pond looking northeast.

**MCKITTRICK NO. 1 & 1-3 FACILITIES
8 APRIL 2011 INSPECTION
MCKITTRICK 1-3 (PHOTOS 30 & 31)
MCKITTRICK 1 (PHOTOS 32 & 33)**



EDMUND G. BROWN JR.
GOVERNOR

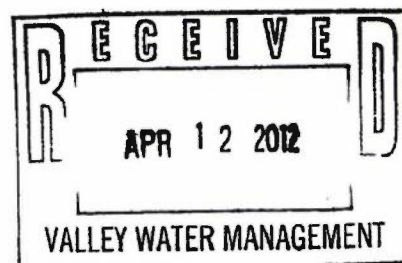


MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Central Valley Regional Water Quality Control Board

10 April 2012

Larry Bright
Valley Water Management Company
7500 Meany Ave.
Bakersfield, CA 93308



ANNUAL INSPECTIONS – VALLEY WATER MANAGEMENT COMPANY, MARICOPA WEST SOUTHEAST TAFT, AND MCKITTRICK 1 FACILITIES, KERN COUNTY

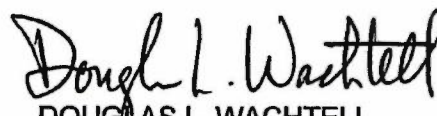
The enclosed inspection reports describe results of the annual inspections conducted by Central Valley Regional Water Quality Control Board staff at three Valley Water Management Company wastewater disposal facilities in Kern County.

Two facilities, Maricopa West and Southeast Taft, in the Midway-Sunset Oil Field, were inspected on 4 April 2012. The McKittrick 1 facility, in the Belgian Anticline Oil Field, was inspected on 6 April 2012.

No violations of the waste discharge requirements were observed during the inspections of the facilities.

If there are any questions, please contact Douglas Wachtell of this office at (559) 445-5114 or at dwachtell@waterboards.ca.gov


SHELTON R. GRAY
Senior Engineering Geologist


DOUGLAS L. WACHTELL
Engineering Geologist
P.G. No. 6689

Enclosures

cc: California Division of Oil, Gas & Geothermal Resources, Bakersfield

OFFICE NO: 5F
Inspector: DLW

FACILITIES INSPECTION REPORT

2012
Program Type: SUB15

5D152013019 WDID NUMBER	Valley Water Management Company PARTY NAME	Belgian Anticline, McKittrick 1 PLACE NAME
69-19901 WDR ORDER NO	7500 Meany Ave. STREET	Section 19, T29S, R22E, MDB&M STREET
143269 REG MEASURE ID	Bakersfield, California CITY AND STATE	Bakersfield, California CITY AND STATE
04/06/2012 ACTUAL INSP DATE (MM/DD/YYYY)	Larry Bright CONTACT PERSON	Larry Bright ONSITE CONTACT PERSON
	(661) 410-7500 PHONE NO.	(661) 410-7500 PHONE NO.

Place ID: 209130

Party ID: 49654

If this inspection is a Compliance Inspection of an NPDES facility, send a copy of this report to SWRCB's Division of Water Quality, Program Support Unit

INSPECTION TYPE (Check One)

- ☐ "A" type compliance – Comprehensive inspection in which samples are taken. (EPA Type S)
- ☒ "B" type compliance – A routine nonsampling inspection. (EPA Type C)
- ☐ Noncompliance follow-up – Inspection made to verify correction of previously identified violation.
- ☐ Enforcement follow-up – Inspection made to verify that conditions of an enforcement action are being met.
- ☐ Complaint – Inspection made in response to a complaint.
- ☐ Pre-requirement – Inspection made to gather information relative to preparing, modifying, or rescinding requirements.
- ☐ Miscellaneous – Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type.
(e.g. – biomonitoring, performance audit, diagnostic, etc)

(Type)

N Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

N Was this a Quality Assurance-Based Inspection? (Yes/No)

N Were bioassay samples taken? (Yes/No) (If yes, then Static or Flowthrough)

INSPECTION SUMMARY (REQUIRED) (500 character limit)

ON 6 APRIL 2012, I (DOUGLAS WACHTELL) PERFORMED AN ANNUAL INSPECTION OF THE VALLEY WATER MANAGEMENT COMPANY MCKITTRICK 1 AND 1-3 FACILITIES FOR COMPLIANCE WITH WASTE DISCHARGE REQUIREMENTS ORDER NO. 69-19901. NO VIOLATIONS WERE OBSERVED DURING THE INSPECTION

Staff ID: DLW

SIGNATURE: DL Wachtell

DATE: 4/10/12

For Internal Use: Reviewed by:

(1) SRC

(2)

(3)

CIWQS Entry Date:

Regional Board File Number:

CIWQS Inspection ID:

CIWQS Coordinator

7791706

FACILITIES INSPECTION REPORT

Page 2

VIOLATION (IF APPLICABLE)

Date Occurred (MM/DD/YYYY): _____

Date Determined (MM/DD/YYYY): _____

DESCRIPTION (2000 Character Limit): _____

EPA SUGGESTED CHECKLIST

(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Evaluated)

<u> S </u> Permit	<u> N </u> Flow Measurement	<u> N </u> Pretreatment	<u> S </u> Operations and Maintenance
<u> N </u> Records/Reports	<u> N </u> Laboratories	<u> N </u> Compliance Schedules	<u> N </u> Sludge Disposal
<u> S </u> Facility Site Review	<u> N </u> Eff./Receiving Waters	<u> N </u> Self-Monitoring	<u> N </u> Other
<u> 5 </u> Overall Facility Operation Evaluation (5=Very reliable, 3=Satisfactory, 1=Unreliable)			

HISTORICAL INFORMATION

MOST RECENT ORDERS:		
ORDER NO.	DATE ADOPTED	TYPE
69-19901	02/14/1969	WDRS

MOST RECENT INSPECTIONS:		
DATE	TYPE	VIOLATIONS?
03/30/2007	B1	N
04/11/2008	B1	N
03/27/2009	B1	N
03/26/2010	B1	N
04/08/2011	B1	N

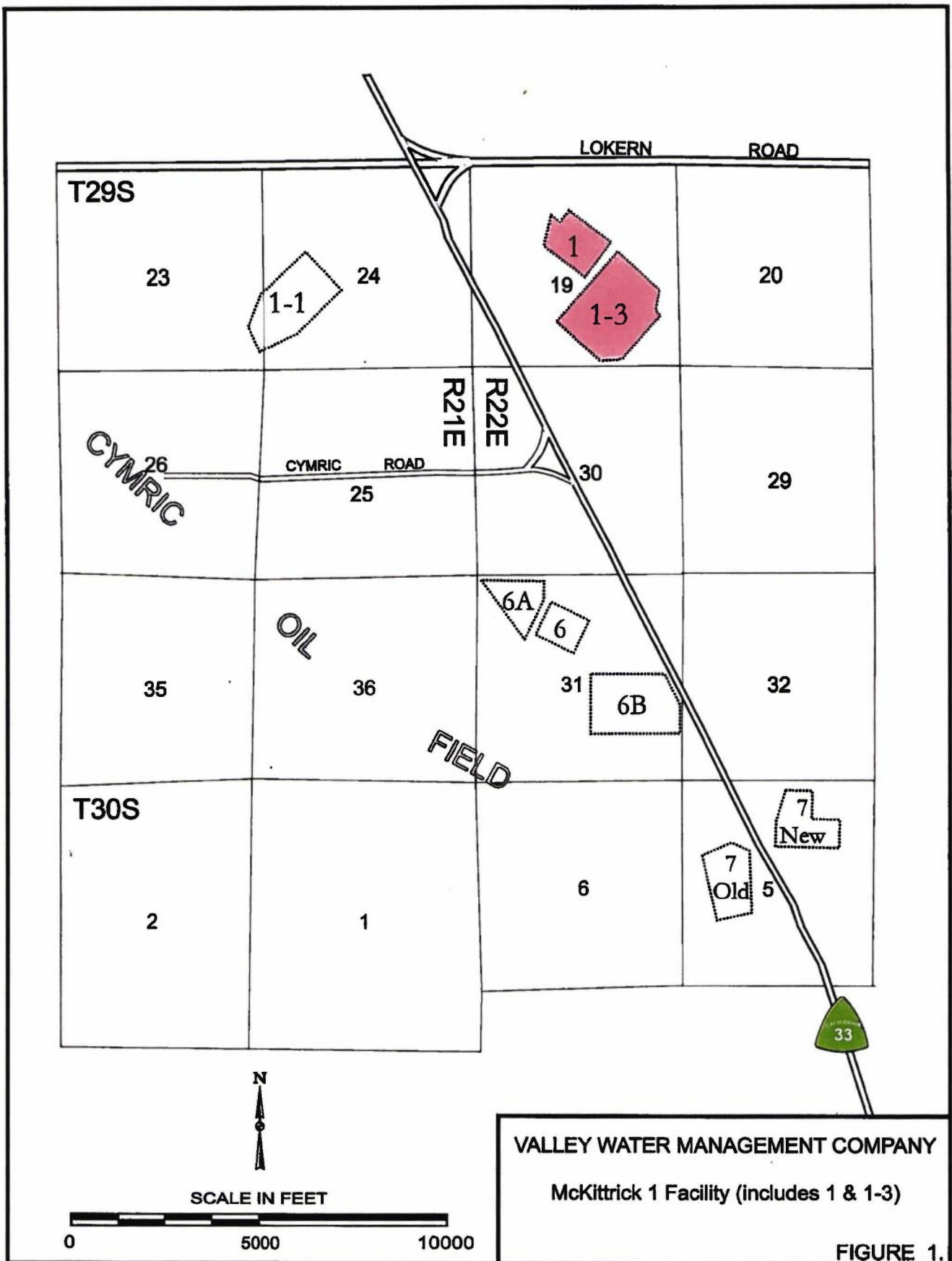
MOST RECENT VIOLATIONS:	
VIOLATION ID	DATE

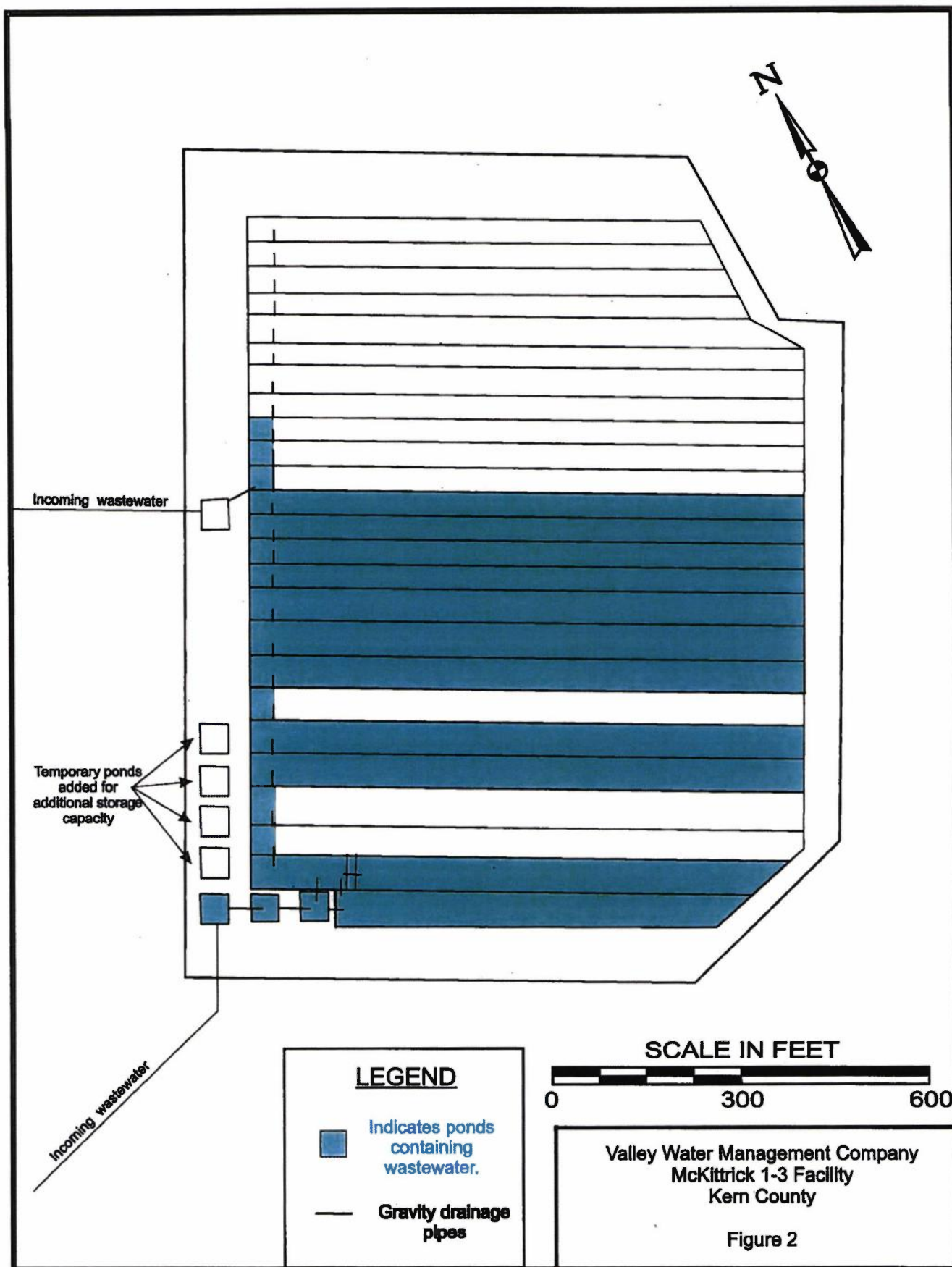
ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, ITEMS FOR FOLLOWUP ON FUTURE INSPECTIONS, NOTES, ETC. (Attach additional pages, if necessary)

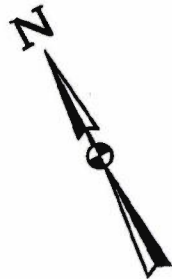
The purpose of the inspection was to determine if the facility was in compliance with Waste Discharge Requirements Order No. 69-19901 (WDRs). I was accompanied on the inspection by Larry Bright of Valley Water Management Company (VWMC). Both the McKittrick 1 and McKittrick 1-3 portions of the facility were inspected. The general location of the facility is shown in Figure 1.

Approximately 60,000 barrels per day of produced oilfield wastewater is currently being disposed of at the facility. Three cleaning ponds and 18 impoundments were in use at McKittrick 1-3 (Figure 2). All the cleaning ponds and one impoundment were in use at McKittrick 1 (Figure 3). The impoundments had adequate freeboard and were free of oil.

Notes were taken during the inspection and are included in this report. The operation of the facility appeared to be in compliance with the WDRs.




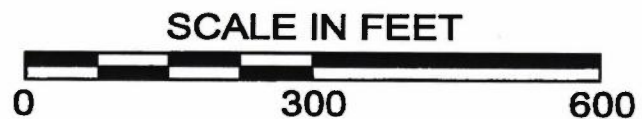
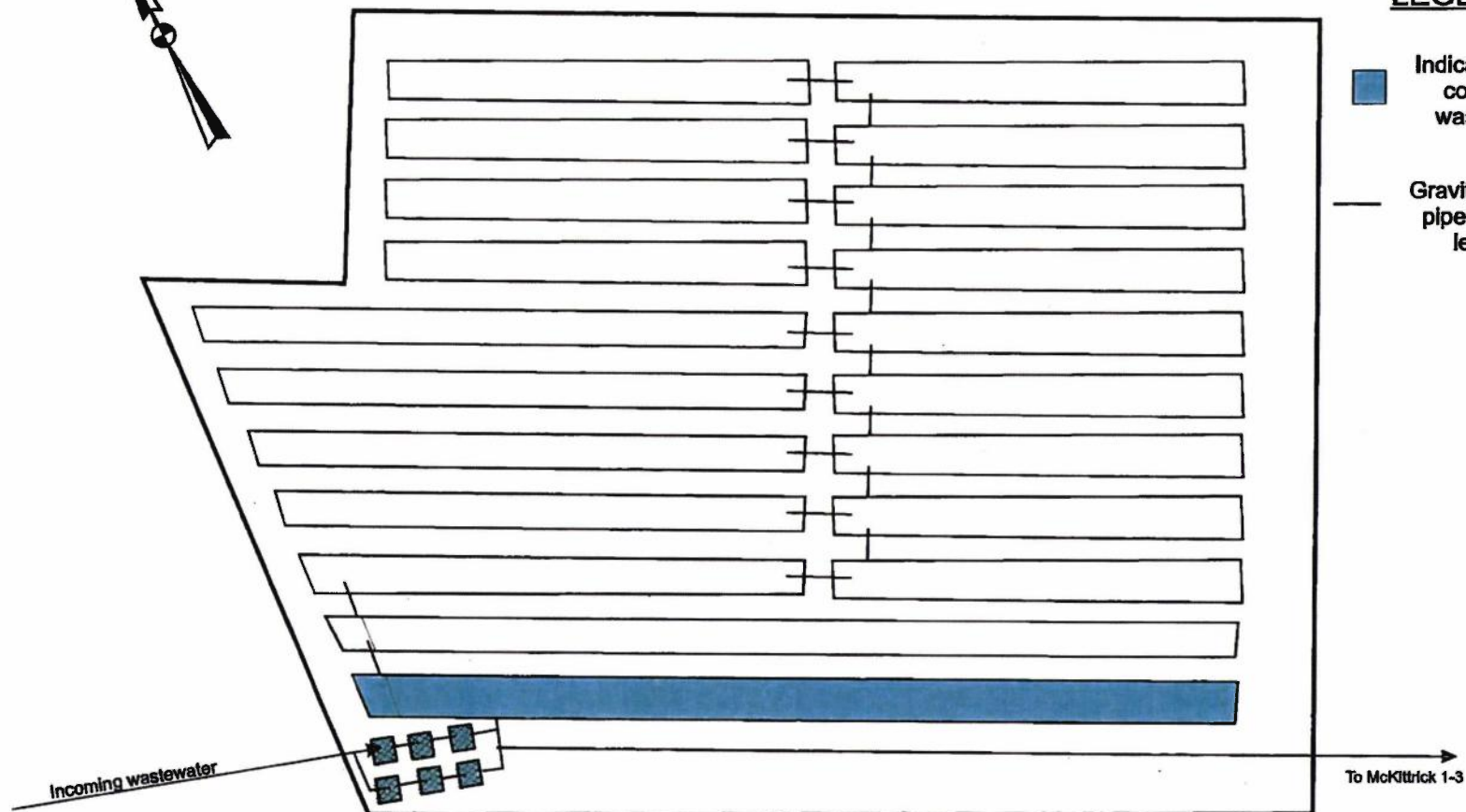




LEGEND

 Indicates ponds containing wastewater.

 Gravity drainage pipes (various lengths)



Valley Water Management Company
McKittrick 1 Facility
Kern County

Figure 3

VALLEY WATER MANAGEMENT COMPANY
Belgian Anticline, McKittrick 1 and 1-3 Facilities
4/6/2012

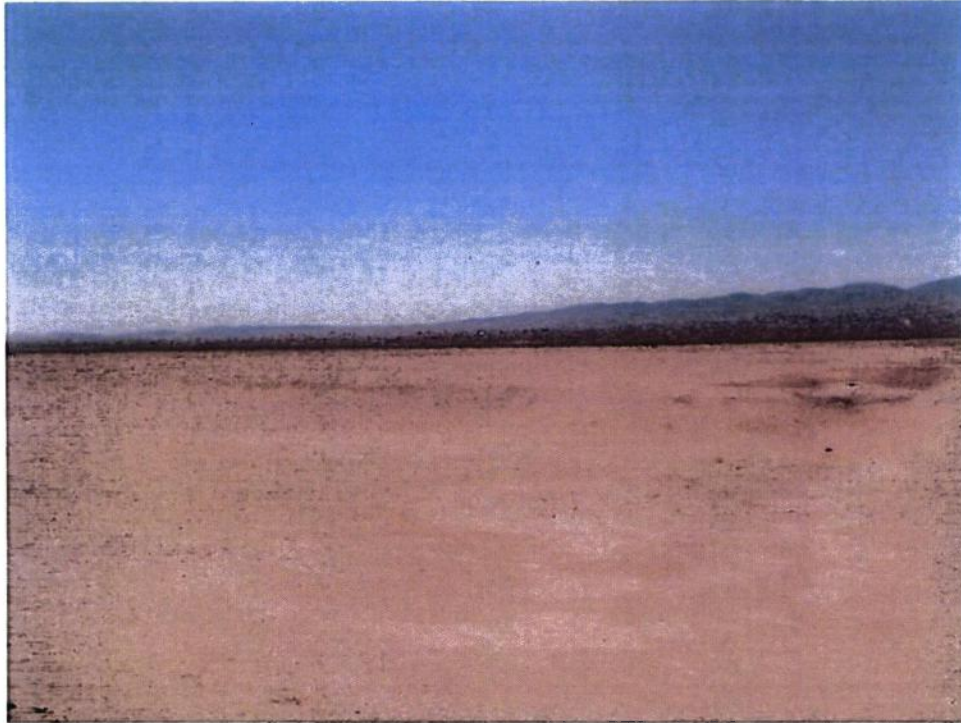


PHOTO 1: View of empty and dry pond cells looking to the southeast from the northwest corner of the McKittrick 1-3 facility.



PHOTO 2: Cleaning Pond 1 at the McKittrick 1-3 facility contains wastewater. View is to the north.

VALLEY WATER MANAGEMENT COMPANY
Belgian Anticline, McKittrick 1 and 1-3 Facilities
4/6/2012

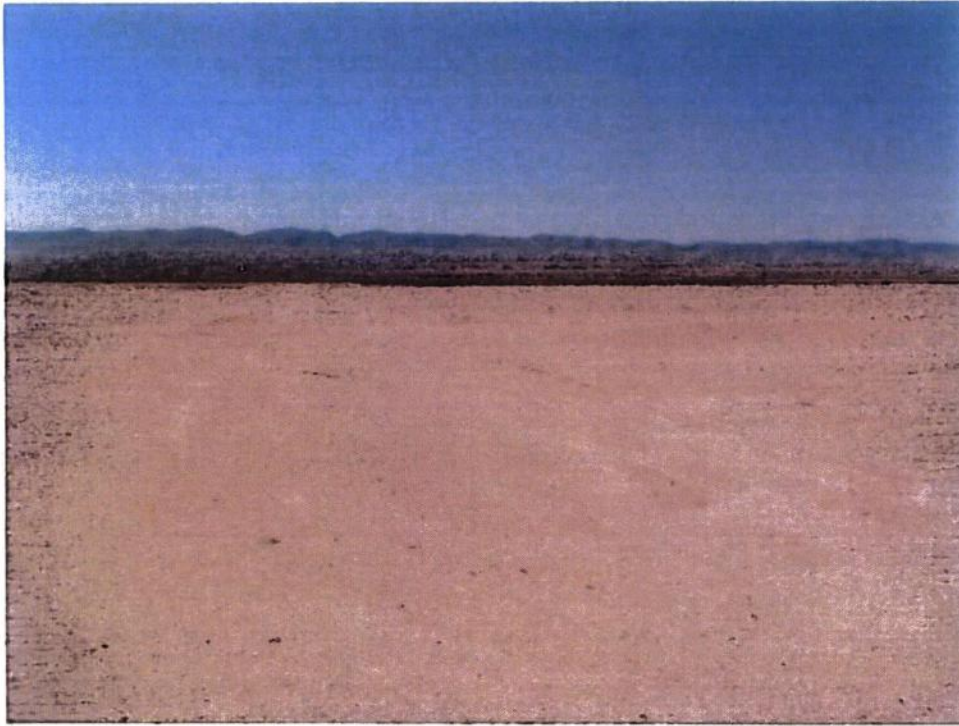


PHOTO 3: View of empty and dry pond cells looking to the west from the east corner of the McKittrick 1 facility.



PHOTO 4: The southernmost pond cell at the McKittrick 1 facility contains wastewater. View is to the west-northwest.



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Central Valley Regional Water Quality Control Board



27 June 2014

Larry Bright
Valley Water Management Company
7500 Meany Avenue
Bakersfield, CA 93308

INSPECTION REPORT – MCKITTRICK 1 FACILITY, BELGIAN ANTICLINE OIL FIELD, KERN COUNTY

Central Valley Regional Water Quality Control Board staff (Staff) inspected the McKittrick 1 wastewater disposal facility in the Belgian Anticline Oil Field on 16 May 2014. Disposal operations at the facility are regulated by Waste Discharge Requirements Order 69-19901. Staff comments are presented in the enclosed inspection report.

Staff observed many unlined surface impoundments at the facility. The impoundments appeared to be satisfactorily maintained and freeboard appeared adequate.

If you have any questions regarding this inspection, please contact Doug Wachtell at (559) 445-5114 or by email at Doug.Wachtell@waterboards.ca.gov

DANE S. JOHNSON
Senior Engineering Geologist
Professional Geologist No. 4239

Enclosure: Inspection Report

cc: Mike Toland, CDOGGR, Bakersfield

5F OFFICE 69-19901 ORDER NO.	5D15201301 VOID 143269 REG MEASURE ID	FACILITIES INSPECTION REPORT	SUB15 PROGRAM 49654 PARTY ID	1/6 2014 PAGE NO. 209130 PLACE ID
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VALLEY WATER MANAGEMENT COMPANY DISCHARGER NAME 7500 MEANY AVENUE STREET ADDRESS BAKERSFIELD, CA 93308 CITY, STATE, ZIP CODE LARRY BRIGHT DISCHARGER CONTACT PERSON (661) 410-7500 TELEPHONE NO lbvwd@arrival.net E-MAIL ADDRESS	BELGIAN ANTILCINE, McKITTRICK 1 FACILITY NAME SECTION 19, T29S, R22E, MDB&M STREET ADDRESS KERN COUNTY CITY, STATE, ZIP CODE RUSSELL EMERSON FACILITY CONTACT PERSON (661) 410-7500 TELEPHONE NO rmvwd@arrival.net E-MAIL ADDRESS
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GENERAL INSPECTION INFORMATION

Inspection Type: A Type Compliance Inspection Lead Inspector: Doug Wachtell

05/16/2014 to 05/16/2014 Clear, Sunny

INSPECTION DATE(S) INSPECTION TIME GENERAL WEATHER CONDITIONS

INSPECTION ATTENDEE(S)

Russell Emerson NAME	Valley Water Management COMPANY/AGENCY	(661) 410-7500 TELEPHONE NO.	rmvwd@arrival.net E-MAIL ADDRESS
NAME	COMPANY/AGENCY	TELEPHONE NO	E-MAIL ADDRESS
NAME	COMPANY/AGENCY	TELEPHONE NO	E-MAIL ADDRESS

INSPECTION SUMMARY (for CIWQS entry – 500 character maximum)

The McKittrick 1 Facility was inspected to determine compliance with Waste Discharge Requirements Order 69-19901. The Facility includes 3 cleaning ponds, 5 smaller impoundments, and 25 larger impoundments at the McKittrick 1-3 area. The Facility also includes 6 cleaning ponds, 2 smaller impoundments, and 11 larger impoundments at the McKittrick 1 area. Wastewater was observed discharging at the Facility.

INSPECTION VIOLATIONS SUMMARY (if applicable)

Identify VIOLATIONS noted during inspection in table below. For each violation documented entered into CIWQS, identify Violation ID and Violation Type, describe violation, and identify section of the WDRs or Water Code violated.

Label	Violation ID	Violation Type	Violation Description	Section of the WDRs Violated
V1				
V2				
V3				
V4				
V5				
V6				

OTHER VIOLATIONS (if applicable)

SMR violations?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Evaluated	Notes: Groundwater degraded, Sampling on 11/18/13, SMR received on 3/4/14
File Review violations?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Evaluated	Notes: 11/2/09 Sampling & Analysis Plan states semi-annual monitoring & reporting

Lead Inspector ID: 147206 Signature: *Doug Wachtell* Date: 6/27/14

Inspection Tracking Information Reviewed by: (1) *[Signature]* (2) _____ (3) DLW
CIWQS Coordinator

Filename: _____ CIWQS Entry Date: 06/06/2014 CIWQS Inspection ID: 16544114

FACILITY INFORMATION

Disposal facility for oilfield produced water.

FACILITY DESCRIPTION (e.g., total area in acres, number of waste management units, etc.)

Oil field production wastewater

WASTE TYPES

Wastewater is discharging to the Facility.

DISPOSAL DESCRIPTION (e.g., composting, landfill, surface impoundment, etc.)

Active

STATUS (active, inactive, closed)

SUB15 Surface Impoundment

FACILITY CLASSIFICATION

BACKGROUND

INSPECTION GIS DATA

GIS Equipment used:

MANUFACTURER

MODEL

SERIAL NO.

DATUM

Description of Measured Point	Latitude	Longitude	Datum	Comments

INSPECTION OBSERVATIONS AND FINDINGS

Describe observations and findings and identify those that document and reference each violation listed in the Inspection Violations Summary table by identifying the cited violation number within parentheses following the observation/finding (e.g., Exposed waste on top deck (V1)).

The McKittrick 1 Facility was inspected to observe current wastewater disposal operations and to evaluate compliance with Waste Discharge Requirements Order No. 69-19901 (WDRs). Photographs were taken to document conditions observed (see pages 4 - 6).

The general location of the Facility is shown in Figure 1. Figure 2 shows the layout of the McKittrick 1 part of the Facility and Figure 3 shows the layout for the McKittrick 1-3 portion of the Facility. As shown on Figure 2 and 3, wastewater is normally conveyed by an unlined ditch and a pipeline from the McKittrick 1 area to the McKittrick 1-3 area.

Incoming hot wastewater was discharging into six cleaning ponds at the McKittrick 1 area. The cleaning ponds were covered with netting and contained oily waste and wastewater. Six of 11 large impoundments at McKittrick 1 contained wastewater. Wastewater was flowing from the second large impoundment at McKittrick 1 in an unlined ditch to an impoundment at the McKittrick 1-3 area. VVWC was installing netting at the McKittrick 1-3 cleaning ponds. Freeboard appeared adequate in the cleaning ponds and in those impoundments containing wastewater.

During the inspection, Mr. Emerson stated that VVWC receives at the Facility each day about 100,000 barrels of wastewater from Freeport McMoran Oil and Gas and about 1,000 barrels of wastewater from Vintage Production California LLC.

A wastewater sample was collected at the McKittrick 1 area from the second of two smaller impoundments that convey wastewater from the cleaning ponds to the larger impoundments. The sample was analyzed by a state certified laboratory for BTEX (benzene, toluene, ethylbenzene, and total xylenes); chloride; boron; total dissolved solids (TDS); and electrical conductivity (EC). The attached results are: chloride 6,000 milligrams per liter (mg/L); boron, 56 mg/L; TDS, 11,000 mg/L; and EC, 20,000 micromhos per centimeter (µmhos/cm). BTEX were detected at 17; 41; 4.8; and, 32 micrograms per liter (µg/L), respectively.

A second wastewater sample was collected at the McKittrick 1-3 area from the smaller impoundment next to the northernmost large final impoundment. The sample was analyzed by a state certified laboratory for BTEX; chloride; boron; TDS; and EC. The attached results are: chloride 9,200 mg/L; boron, 90 mg/L; TDS, 15,000 mg/L; and EC, 29,000 micromhos per centimeter (µmhos/cm). BTEX were detected at 4.9; 7.2; 0.93; and, 4.7 µg/L, respectively.

SAMPLING INFORMATION AND OBSERVATIONS

Were samples collected during the inspection?

☒ Yes ☐ No

Are sample results included in report?

☒ Yes ☐ No

Did discharger collect split samples?

☐ Yes ☒ No

SAMPLE COLLECTION INFORMATION AND OBSERVATIONS

DLW1405167-12

SAMPLE ID

From second smaller impoundment after cleaning ponds at McKittrick 1

SAMPLE DESCRIPTION/OBSERVATIONS

SAMPLE TIME (hours)

2

PHOTO NO.

DLW14151613-18

SAMPLE ID

From the small pond next to the larger final impoundment at McKittrick 1-3.

SAMPLE DESCRIPTION/OBSERVATIONS

SAMPLE TIME (hours)

6

PHOTO NO.

FACILITIES INSPECTION REPORT
VALLEY WATER MANAGEMENT COMPANY
McKITTRICK 1 FACILITY

3/6

SAMPLE ID	SAMPLE DESCRIPTION/OBSERVATIONS	SAMPLE TIME (hours)	PHOTO NO.
SAMPLE ID	SAMPLE DESCRIPTION/OBSERVATIONS	SAMPLE TIME (hours)	PHOTO NO.

DISCUSSION OF SAMPLING RESULTS

Discuss sampling results (e.g., discuss whether sampling results show compliance with WDRs).

CONCLUSIONS

Summarize the conclusions of the inspection(s) below.

1. The cleaning ponds and impoundments were satisfactorily maintained and freeboard appeared adequate.
2. The WDRs are outdated and need to be updated for conformance with current Central Valley Water Board policies, and State regulations and policies.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

California ELAP Certificate #1371

RWQCB - Fresno

Project: 13-014-150

1685 E Street

Project Number: 13-014-150

Fresno CA, 93706-2007

Project Manager: Douglas Wachtell

Reported:

06/03/2014

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DLW140515-1 to-6	AE16024-01	Waste Water	05/15/14 11:50	05/16/14 13:55
DLW140515-7 to-12	AE16024-02	Waste Water	05/15/14 14:45	05/16/14 13:55
DLW140515-13 to-18	AE16024-03	Waste Water	05/15/14 15:05	05/16/14 13:55
DLW140515-19 to-24	AE16024-04	Waste Water	05/15/14 15:30	05/16/14 13:55
DLW140516-1 to-6	AE16024-05	Waste Water	05/16/14 08:50	05/16/14 13:55
DLW140516-7 to-12 <i>McKittick 1</i>	AE16024-06	Waste Water	05/16/14 09:35	05/16/14 13:55
DLW140516-13 to-18 <i>McKittick 1-8</i>	AE16024-07	Waste Water	05/16/14 10:35	05/16/14 13:55

Moore Twining Associates, Inc.

Juliane Adams, Director of Analytical Chemistry

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 2 of 37



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Fresno CA, 93706-2007

Project: 13-014-150
Project Number: 13-014-150
Project Manager: Douglas Wachtell

Reported:
06/03/2014

Analytical Report for Work Order AE16024

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
DLW140516-1 to-6						Sampled: 05/16/14 08:50 AE16024-05 (Waste Water)					
Surrogate: 4-Bromofluorobenzene		105 %	70-130				U4E1908	GAB	5/19/14 11:30	5/19/14 16:59	EPA 8260B
Surrogate: Dibromofluoromethane		94.4 %	70-130				U4E1908	GAB	5/19/14 11:30	5/19/14 16:59	EPA 8260B
Surrogate: Toluene-d8		95.8 %	70-130				U4E1908	GAB	5/19/14 11:30	5/19/14 16:59	EPA 8260B
DLW140516-7 to-12 McKithmk						Sampled: 05/16/14 09:35 AE16024-06 (Waste Water)					
Cation/Anion Balance (% Difference)		3.6			%	1	U4F0217	JAA	6/2/14 16:05	6/2/14 16:11	CALC
Chloride		6000	200	1.8	mg/L	100	U4E1628	ETH	5/16/14 19:25	5/17/14 8:58	EPA 300.0
Nitrite as N		ND	30	1.1	mg/L	100	U4E1628	ETH	5/16/14 19:25	5/17/14 8:58	EPA 300.0
Nitrate as NO3	J	20	200	1.8	mg/L	100	U4E1628	ETH	5/16/14 19:25	5/17/14 8:58	EPA 300.0
Sulfate as SO4		210	200	0.94	mg/L	100	U4E1628	ETH	5/16/14 19:25	5/17/14 8:58	EPA 300.0
Orthophosphate as P		0.43	0.010	0.0046	mg/L	1	U4E1623	ETH	5/16/14 15:01	5/16/14 19:13	EPA 365 3/SM4500
Total Dissolved Solids		11000	200	160	mg/L	20	U4E1917	MVY	5/20/14 16:50	5/21/14 13:00	SM 2540C
Total Alkalinity as CaCO3		650	1.0	0.23	mg/L	1	U4E2027	CMG	5/21/14 4:03	5/21/14 4:03	SM2320B
Bicarbonate Alkalinity as HCO3		790	1.3	0.23	mg/L	1	U4E2027	CMG	5/21/14 4:03	5/21/14 4:03	SM2320B
Carbonate Alkalinity as CO3		ND	1.0	0.23	mg/L	1	U4E2027	CMG	5/21/14 4:03	5/21/14 4:03	SM2320B
Hydroxide Alkalinity as OH		ND	1.0	0.23	mg/L	1	U4E2027	CMG	5/21/14 4:03	5/21/14 4:03	SM2320B
Specific Conductance (EC)		20000	1.0	0.26	µS/cm	1	U4E2027	CMG	5/21/14 4:03	5/21/14 4:03	SM2510B
Hardness		520	4.1		mg equiv. CaCO3/L	1	[CALC]	DAR	5/22/14 13:55	5/27/14 18:32	[CALC]
Boron		56	7.8	0.13	mg/L	25	U4E2021	DAR	5/22/14 13:55	5/28/14 20:15	EPA 200.7
Calcium		150	0.62	0.048	mg/L	1	U4E2021	DAR	5/22/14 13:55	5/27/14 18:32	EPA 200.7
Iron		1.2	0.62	0.11	mg/L	1	U4E2021	DAR	5/22/14 13:55	5/27/14 18:32	EPA 200.7
Magnesium		38	0.62	0.057	mg/L	1	U4E2021	DAR	5/22/14 13:55	5/27/14 18:32	EPA 200.7
Manganese		0.11	0.031	0.0011	mg/L	1	U4E2021	DAR	5/22/14 13:55	5/27/14 18:32	EPA 200.7
Potassium		86	6.2	0.48	mg/L	1	U4E2021	DAR	5/22/14 13:55	5/27/14 18:32	EPA 200.7
Sodium		3700	160	40	mg/L	25	U4E2021	DAR	5/22/14 13:55	5/28/14 20:15	EPA 200.7
Diesel		28000	1000	500	µg/L	20	U4E2217	RND	5/22/14 15:20	5/30/14 21:01	EPA 8015B
Motor Oil		34000	2000	500	µg/L	20	U4E2216	RND	5/22/14 15:17	5/30/14 21:01	EPA 8015B
Surrogate: o-Terphenyl	S02	152 %	34-150				U4E2217	RND	5/22/14 15:20	5/30/14 21:01	EPA 8015B
Gasoline		370	50	6.0	µg/L	1	U4E2107	Dor	5/21/14 10:30	5/21/14 15:17	EPA 8015B
Surrogate: 4-Bromofluorobenzene (FID)		93.7 %	75-125				U4E2107	Dor	5/21/14 10:30	5/21/14 15:17	EPA 8015B
Chloromethane		ND	0.50	0.16	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Vinyl chloride		ND	0.50	0.16	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Bromomethane		ND	1.0	0.32	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Chloroethane		ND	0.50	0.16	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B

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Project: 13-014-150
Project Number: 13-014-150
Project Manager: Douglas Wachtell

Reported:
06/03/2014

Analytical Report for Work Order AE16024

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
DLW140516-7 to-12			Sampled: 05/16/14 09:35 AE16024-06 (Waste Water)								
1,1-Dichloroethene		ND	0.50	0.14	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Carbon disulfide		0.96	0.50	0.14	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Acrolein		ND	10	1.5	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Methylene chloride		ND	1.0	0.20	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
trans-1,2-Dichloroethene		ND	0.50	0.11	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Methyl tert-Butyl Ether (MTBE)		ND	1.0	0.36	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,1-Dichloroethane		ND	0.50	0.12	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Acrylonitrile		ND	5.0	2.9	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
cis-1,2-Dichloroethene		ND	0.50	0.15	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
2,2-Dichloropropane		ND	1.0	0.24	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Bromochloromethane		ND	0.50	0.20	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Chloroform		ND	0.50	0.14	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Carbon tetrachloride		ND	0.50	0.16	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,1,1-Trichloroethane (TCA)		ND	0.50	0.16	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,1-Dichloropropene		ND	0.50	0.12	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Benzene		17	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,2-Dichloroethane (1,2-DCA)		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Trichloroethene (TCE)		ND	0.50	0.17	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Dibromomethane		ND	0.50	0.14	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,2-Dichloropropane		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Bromodichloromethane		ND	0.50	0.13	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
cis-1,3-Dichloropropene		ND	0.50	0.11	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Toluene		41	0.50	0.27	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
trans-1,3-Dichloropropene		ND	0.50	0.14	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Tetrachloroethene (PCE)		ND	0.50	0.12	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Dibromochloromethane		ND	0.50	0.11	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,3-Dichloropropane		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,2-Dibromoethane (EDB)		ND	0.50	0.22	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Ethylbenzene		4.8	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Chlorobenzene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B

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Project Manager: Douglas Wachtell

Reported:
06/03/2014

Analytical Report for Work Order AE16024

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
DLW140516-7 to-12		<i>McKittick 1</i>		Sampled: 05/16/14 09:35 AE16024-06 (Waste Water)							
1,1,1,2-Tetrachloroethane		ND	0.50	0.12	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
m,p-Xylene		22	1.0	0.20	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
o-Xylene		10	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Bromoform		ND	1.0	0.12	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Isopropylbenzene		ND	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Bromobenzene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
n-Propylbenzene	J	0.64	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,3,5-Trimethylbenzene		1.3	0.50	0.11	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
2-Chlorotoluene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,2,3-Trichloropropane (123TCP)		ND	0.50	0.29	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
4-Chlorotoluene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
tert-Butylbenzene		ND	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,2,4-Trimethylbenzene		5.3	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
sec-Butylbenzene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
p-Isopropyltoluene		ND	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,3-Dichlorobenzene		ND	0.50	0.040	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,4-Dichlorobenzene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
n-Butylbenzene		ND	0.50	0.13	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,2-Dichlorobenzene		ND	0.50	0.12	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,2-Dibromo-3-chloropropane (DBCP)		ND	5.0	0.39	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,2,4-Trichlorobenzene		ND	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Hexachlorobutadiene		ND	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Naphthalene		2.5	0.50	0.15	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
1,2,3-Trichlorobenzene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Surrogate 1-Bromofluorobenzene		102 %	70-130				U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Surrogate Dibromofluoromethane		94.8 %	70-130				U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
Surrogate Toluene-d8		104 %	70-130				U4E1908	GAB	5/19/14 11:30	5/20/14 13:36	EPA 8260B
DLW140516-13 to-18		<i>McKittick 1-3</i>		Sampled: 05/16/14 10:35 AE16024-07 (Waste Water)							
Cation/Anion Balance (% Difference)		3.5			%	1	U4F0217	JAA	6/2/14 16:05	6/2/14 16:11	CALC
Chloride		9200	200	1.8	mg/L	100	U4E1628	ETH	5/16/14 19:25	5/17/14 9:14	EPA 300.0
Nitrite as N		ND	30	1.1	mg/L	100	U4E1628	ETH	5/16/14 19:25	5/17/14 9:14	EPA 300.0

Moore Twining Associates, Inc.

Juliane Adams, Director of Analytical Chemistry

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(559) 268-7021 Phone
(559) 268-0740 Fax

California ELAP Certificate #1371

RWQCB - Fresno
1685 E Street
Fresno CA, 93706-2007

Project: 13-014-150
Project Number: 13-014-150
Project Manager: Douglas Wachtell

Reported:
06/03/2014

Analytical Report for Work Order AE16024

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
DLW140516-13 to-18			Sampled: 05/16/14 10:35 AE16024-07 (Waste Water)								
Nitrate as NO3	J	28	200	1.8	mg/L	100	U4E1628	ETH	5/16/14 19:25	5/17/14 9:14	EPA 300.0
Sulfate as SO4	J	180	200	0.94	mg/L	100	U4E1628	ETH	5/16/14 19:25	5/17/14 9:14	EPA 300.0
Orthophosphate as P		0.57	0.020	0.0092	mg/L	2	U4E1623	ETH	5/16/14 15:01	5/16/14 19:14	EPA 365.3/SM4500
Total Dissolved Solids		15000	200	160	mg/L	20	U4E1917	MVY	5/20/14 16:50	5/21/14 13:00	SM 2540C
Total Alkalinity as CaCO3		1500	1.0	0.23	mg/L	1	U4E2027	CMG	5/21/14 4:12	5/21/14 4:12	SM2320B
Bicarbonate Alkalinity as HCO3		1700	1.3	0.23	mg/L	1	U4E2027	CMG	5/21/14 4:12	5/21/14 4:12	SM2320B
Carbonate Alkalinity as CO3		38	1.0	0.23	mg/L	1	U4E2027	CMG	5/21/14 4:12	5/21/14 4:12	SM2320B
Hydroxide Alkalinity as OH		ND	1.0	0.23	mg/L	1	U4E2027	CMG	5/21/14 4:12	5/21/14 4:12	SM2320B
Specific Conductance (EC)		29000	1.0	0.26	µS/cm	1	U4E2027	CMG	5/21/14 4:12	5/21/14 4:12	SM2510B
Hardness		470	5.3		mg equiv. CaCO3/L	1	[CALC]	DAR	5/22/14 13:55	5/29/14 19:51	[CALC]
Boron		90	40	0.66	mg/L	100	U4E2022	DAR	5/22/14 13:55	5/29/14 20:01	EPA 200.7
Calcium		110	0.80	0.061	mg/L	1	U4E2022	DAR	5/22/14 13:55	5/29/14 19:51	EPA 200.7
Iron	J	0.21	0.80	0.14	mg/L	1	U4E2022	DAR	5/22/14 13:55	5/29/14 19:51	EPA 200.7
Magnesium		47	0.80	0.073	mg/L	1	U4E2022	DAR	5/22/14 13:55	5/29/14 19:51	EPA 200.7
Manganese		0.052	0.040	0.0014	mg/L	1	U4E2022	DAR	5/22/14 13:55	5/29/14 19:51	EPA 200.7
Potassium		98	8.0	0.61	mg/L	1	U4E2022	DAR	5/22/14 13:55	5/29/14 19:51	EPA 200.7
Sodium		6000	800	210	mg/L	100	U4E2022	DAR	5/22/14 13:55	5/29/14 20:01	EPA 200.7
Diesel		18000	1000	500	µg/L	20	U4E2217	RND	5/22/14 15:20	5/30/14 21:39	EPA 8015B
Motor Oil		9900	1000	250	µg/L	10	U4E2216	RND	5/22/14 15:17	5/30/14 21:39	EPA 8015B
Surrogate: o-Terphenyl	S02	206 %	34-150				U4E2217	RND	5/22/14 15:20	5/30/14 21:39	EPA 8015B
Gasoline		83	50	6.0	µg/L	1	U4E2107	Dor	5/21/14 10:30	5/21/14 15:44	EPA 8015B
Surrogate: 4-Bromofluorobenzene (FID)		102 %	75-125				U4E2107	Dor	5/21/14 10:30	5/21/14 15:44	EPA 8015B
Chloromethane		ND	0.50	0.16	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Vinyl chloride		ND	0.50	0.16	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Bromomethane		ND	1.0	0.32	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Chloroethane		ND	0.50	0.16	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,1-Dichloroethene		ND	0.50	0.14	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Carbon disulfide		3.9	0.50	0.14	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Acrolein		ND	10	1.5	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Methylene chloride		ND	1.0	0.20	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
trans-1,2-Dichloroethene		ND	0.50	0.11	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Methyl tert-Butyl Ether (MTBE)		ND	1.0	0.36	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,1-Dichloroethane		ND	0.50	0.12	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B

Moore Twining Associates, Inc.

Juliane Adams, Director of Analytical Chemistry

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Project: 13-014-150
Project Number: 13-014-150
Project Manager: Douglas Wachtell

Reported:
06/03/2014

Analytical Report for Work Order AE16024

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
DLW140516-13 to-18			McKittrick 1-3								
			Sampled: 05/16/14 10:35 AE16024-07 (Waste Water)								
Acrylonitrile		ND	5.0	2.9	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
cis-1,2-Dichloroethene		ND	0.50	0.15	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
2,2-Dichloropropane		ND	1.0	0.24	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Bromochloromethane		ND	0.50	0.20	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Chloroform		ND	0.50	0.14	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Carbon tetrachloride		ND	0.50	0.16	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,1,1-Trichloroethane (TCA)		ND	0.50	0.16	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,1-Dichloropropene		ND	0.50	0.12	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Benzene		4.9	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,2-Dichloroethane (1,2-DCA)		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Trichloroethene (TCE)		ND	0.50	0.17	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Dibromomethane		ND	0.50	0.14	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,2-Dichloropropane		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Bromodichloromethane		ND	0.50	0.13	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
cis-1,3-Dichloropropene		ND	0.50	0.11	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Toluene		7.2	0.50	0.27	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
trans-1,3-Dichloropropene		ND	0.50	0.14	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Tetrachloroethene (PCE)		ND	0.50	0.12	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Dibromochloromethane		ND	0.50	0.11	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,3-Dichloropropane		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,2-Dibromoethane (EDB)		ND	0.50	0.22	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Ethylbenzene		0.93	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Chlorobenzene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,1,1,2-Tetrachloroethane		ND	0.50	0.12	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
m,p-Xylene		3.1	1.0	0.20	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
o-Xylene		1.6	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Bromoform		ND	1.0	0.12	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Isopropylbenzene		ND	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Bromobenzene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
n-Propylbenzene		ND	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B

Moore Twining Associates, Inc.

Juliane Adams, Director of Analytical Chemistry

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Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

California ELAP Certificate #1371

RWQCB - Fresno
1685 E Street
Fresno CA, 93706-2007

Project: 13-014-150
Project Number: 13-014-150
Project Manager: Douglas Wachtell

Reported:
06/03/2014

Analytical Report for Work Order AE16024

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
DLW140516-13 to-18			<i>McKittrick 1-3</i>			Sampled: 05/16/14 10:35 AE16024-07 (Waste Water)					
1,3,5-Trimethylbenzene	J	0.23	0.50	0.11	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
2-Chlorotoluene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,2,3-Trichloropropane (123TCP)		ND	0.50	0.29	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
4-Chlorotoluene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
tert-Butylbenzene		ND	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,2,4-Trimethylbenzene	J	0.99	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
sec-Butylbenzene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
p-Isopropyltoluene		ND	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,3-Dichlorobenzene		ND	0.50	0.040	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,4-Dichlorobenzene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
n-Butylbenzene		ND	0.50	0.13	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,2-Dichlorobenzene		ND	0.50	0.12	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,2-Dibromo-3-chloropropane (DBCP)		ND	5.0	0.39	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,2,4-Trichlorobenzene		ND	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Hexachlorobutadiene		ND	1.0	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Naphthalene	J	0.48	0.50	0.15	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
1,2,3-Trichlorobenzene		ND	0.50	0.10	µg/L	1	U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Surrogate: 4-Bromofluorobenzene		112 %	70-130				U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Surrogate: Dibromofluoromethane		93.5 %	70-130				U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B
Surrogate: Toluene-d8		106 %	70-130				U4E1908	GAB	5/19/14 11:30	5/20/14 13:01	EPA 8260B

Moore Twining Associates, Inc.

Juliane Adams, Director of Analytical Chemistry

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California ELAP Certificate #1371

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Project: 13-014-150
Project Number: 13-014-150
Project Manager: Douglas Wachtell

Reported:
06/03/2014

Notes and Definitions

S02 Surrogate recovery was affected by the matrix.
MS2 Recovery for this analyte was biased high; associated blank spike recoveries are within range.
J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
ug/L micrograms per liter (parts per billion concentration units)
mg/L milligrams per liter (parts per million concentration units)
mg/kg milligrams per kilogram (parts per million concentration units)
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
If the test was performed in the laboratory, the hold time was exceeded. (for aqueous matrices only)

Moore Twining Associates, Inc.

Juliane Adams, Director of Analytical Chemistry

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Page 23 of 37

PHOTOGRAPHS



PHOTO 1: View of the six cleaning ponds covered with netting and the narrow impoundment adjacent too and east of the cleaning ponds at the McKittrick 1 area of the Facility. View is to the southwest.

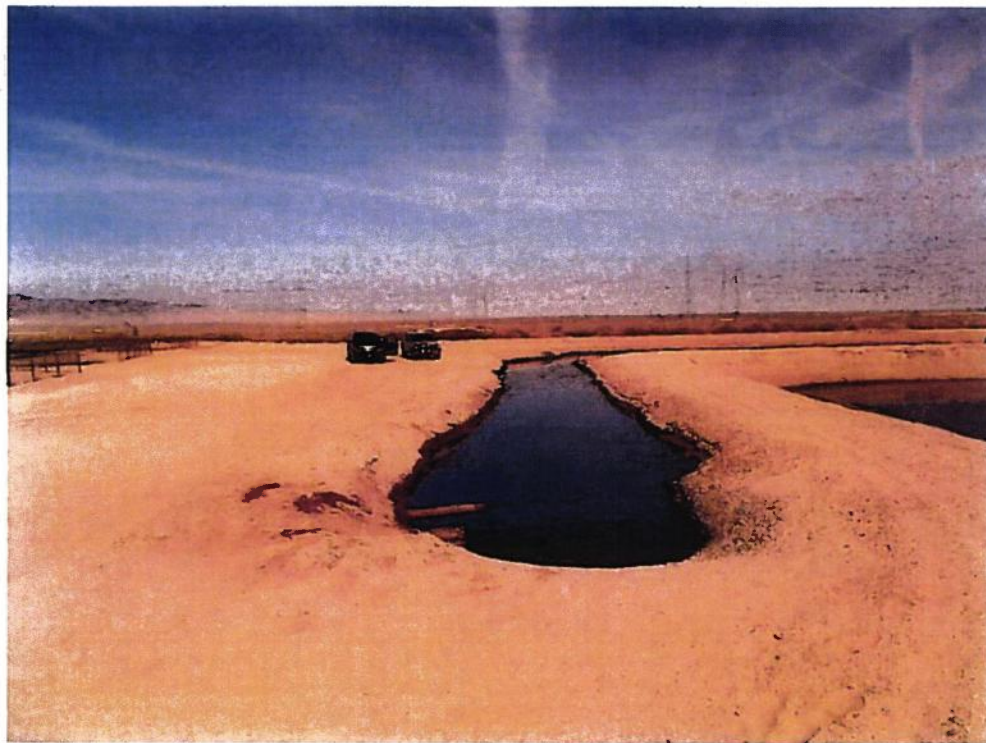


PHOTO 2: View of the narrow impoundment just to the north of the access road next to the cleaning ponds at the McKittrick 1 area of the Facility. A wastewater sample was collected from the impoundment near the vehicles. View is to the west-northwest.

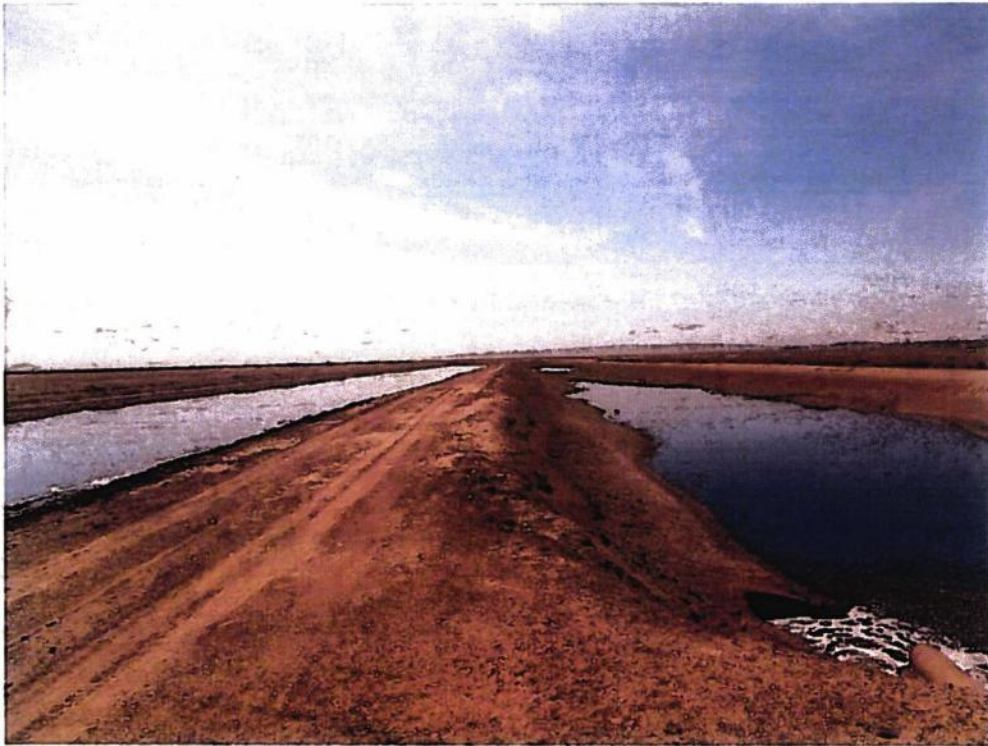


PHOTO 3: View of the first two large impoundments at the McKittrick 1 area of the Facility. View is to the east.



PHOTO 4: Wastewater is flowing in a ditch from the slightly higher McKittrick 1 area to the McKittrick 1-3 area of the Facility. View is to the west-northwest.



PHOTO 5: Posts to support netting were being installed at the three McKittrick 1-3 cleaning ponds. View is to the northeast.

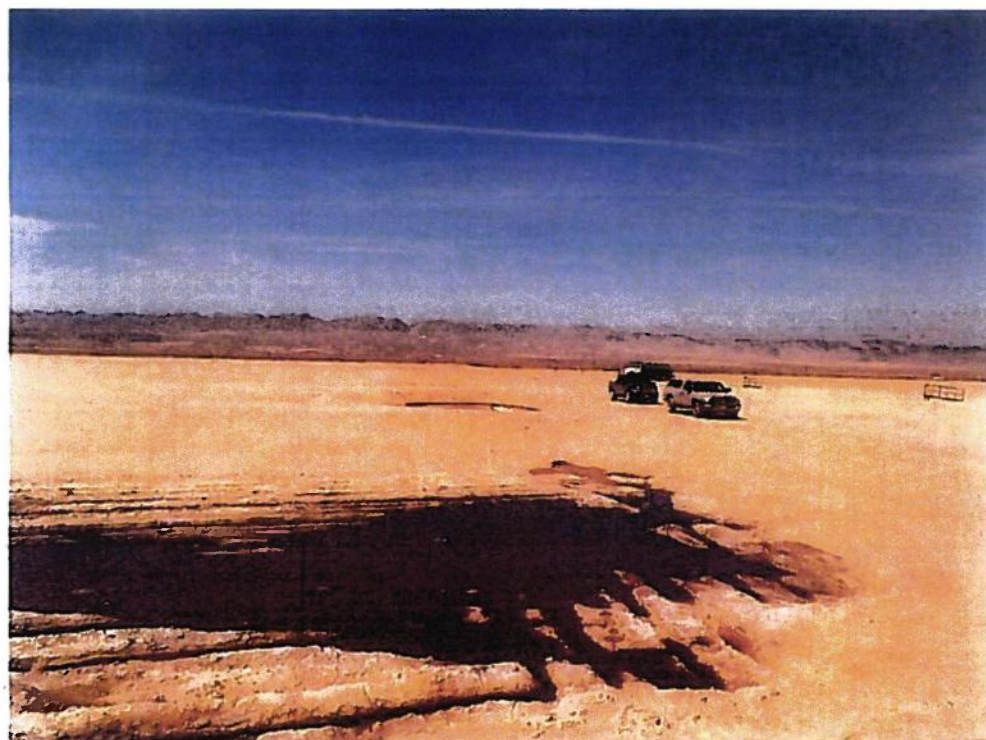
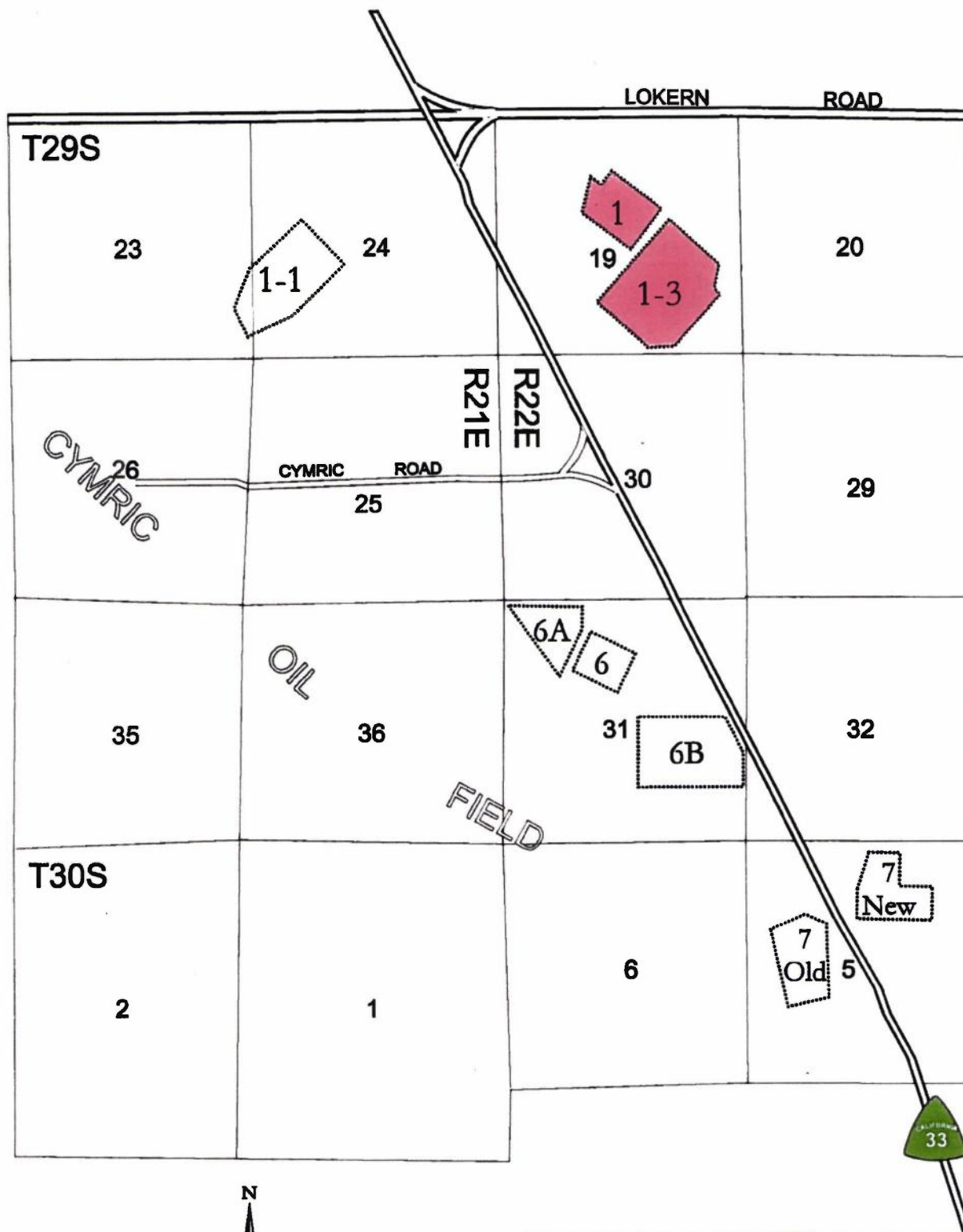


PHOTO 6: The final McKittrick 1-3 impoundment contains wastewater. A wastewater sample was collected from the smaller impoundment next just to the left of the vehicles. View is to the south-southwest.



SCALE IN FEET



VALLEY WATER MANAGEMENT COMPANY

McKittrick 1 Facility (includes 1 & 1-3)

FIGURE 1.



California ELAP Certificate #1371

2527 Fresno Street
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(559) 268-7021 Phone
(559) 268-0740 Fax

June 03, 2014

Work Order #: AE16024

Douglas Wachtell
RWQCB - Fresno
1685 E Street
Fresno, CA 93706-2007

RE: 13-014-150

Enclosed are the analytical results for samples received by our laboratory on 05/16/14. For your reference, these analyses have been assigned laboratory work order number AE16024.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

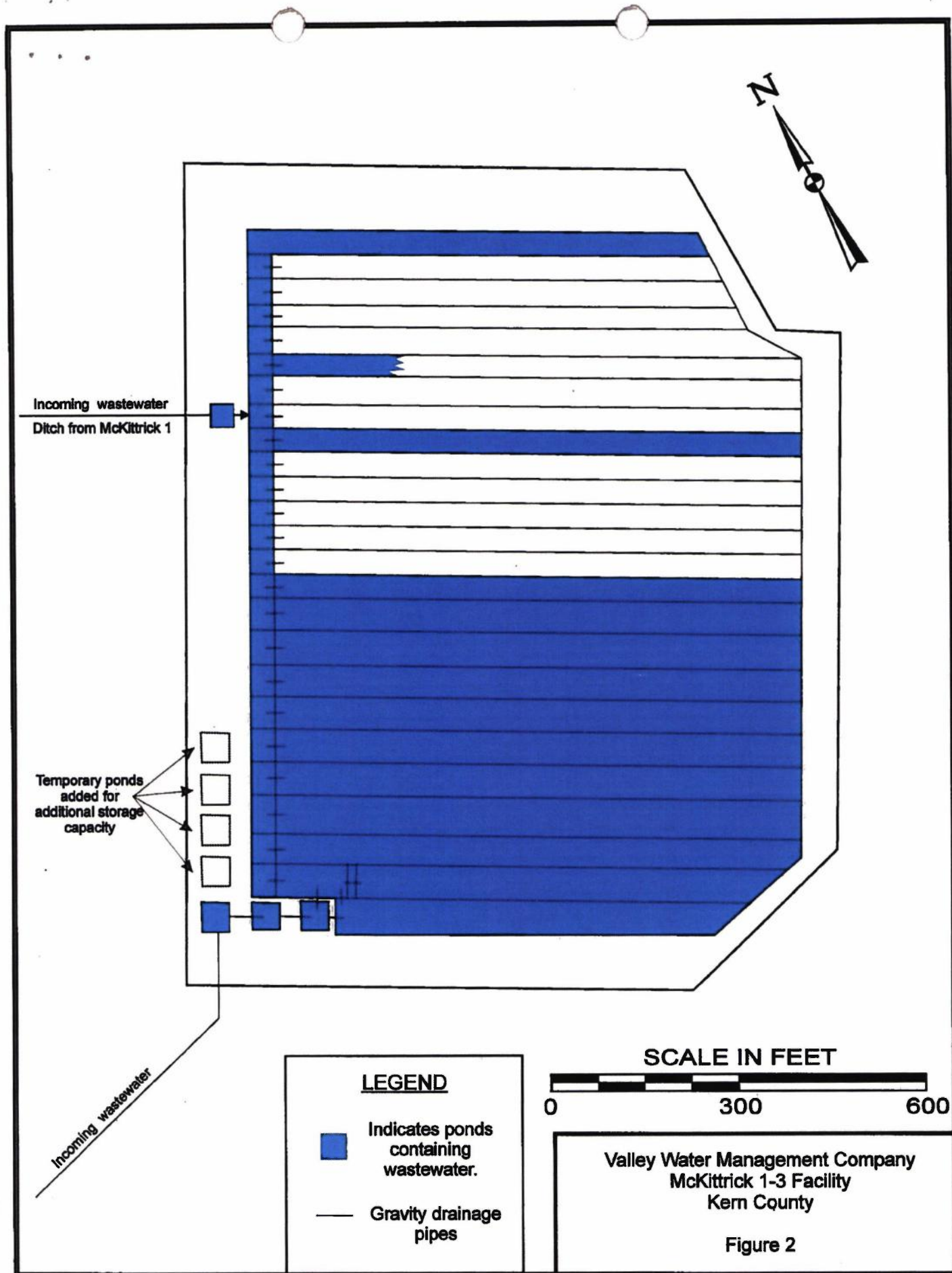
If you have any questions, please feel free to contact us at the number listed above.

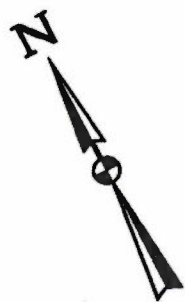
Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in cursive script, appearing to read 'Liz Rutherford', is written over a horizontal line.


Liz Rutherford
Client Services Representative

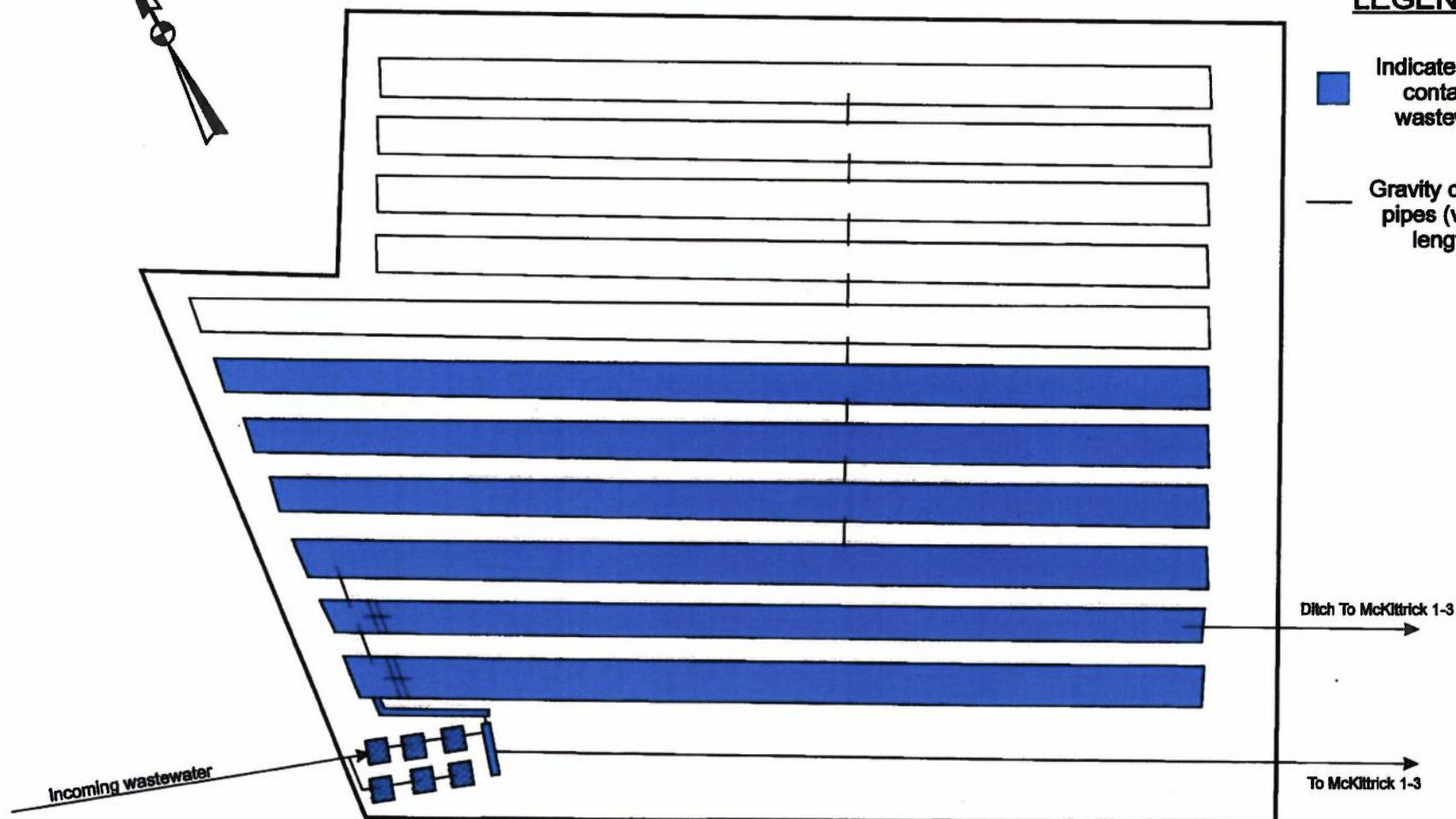




LEGEND

 Indicates ponds containing wastewater.

 Gravity drainage pipes (various lengths)



SCALE IN FEET



Valley Water Management Company
McKittrick 1 Facility
Kern County

Figure 3